

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1816	06-00099-00-RS	WHITE	4	1
FED. ROAD DIST. NO. 3		ILLINOIS	NORRIS CITY RESERVOIR	
LEC JOB # H051013WH				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
STR**

**F.A.S. 1816(CH 16) SECTION 06-00099-00-RS WHITE COUNTY
JOB# C-99-536-06 PROJECT NO. RS-1816(102)**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS, SUMMARY OF QUANTITIES, GENERAL NOTES, MISCELLANEOUS DETAILS
3	DETAILS OF INTERSECTIONS, AND SIDEROADS
4	SCHEDULES

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 4

000001-04	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
406201	MAILBOX TURNOUT
701006-02	OFF-RD OPERATIONS, 2-L, 2-W, 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS ≥ 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING DAY OPERATIONS
701336-04	LANE CLOSURE 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS ≥ 45 MPH
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

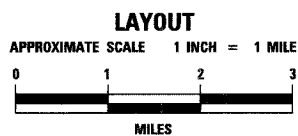
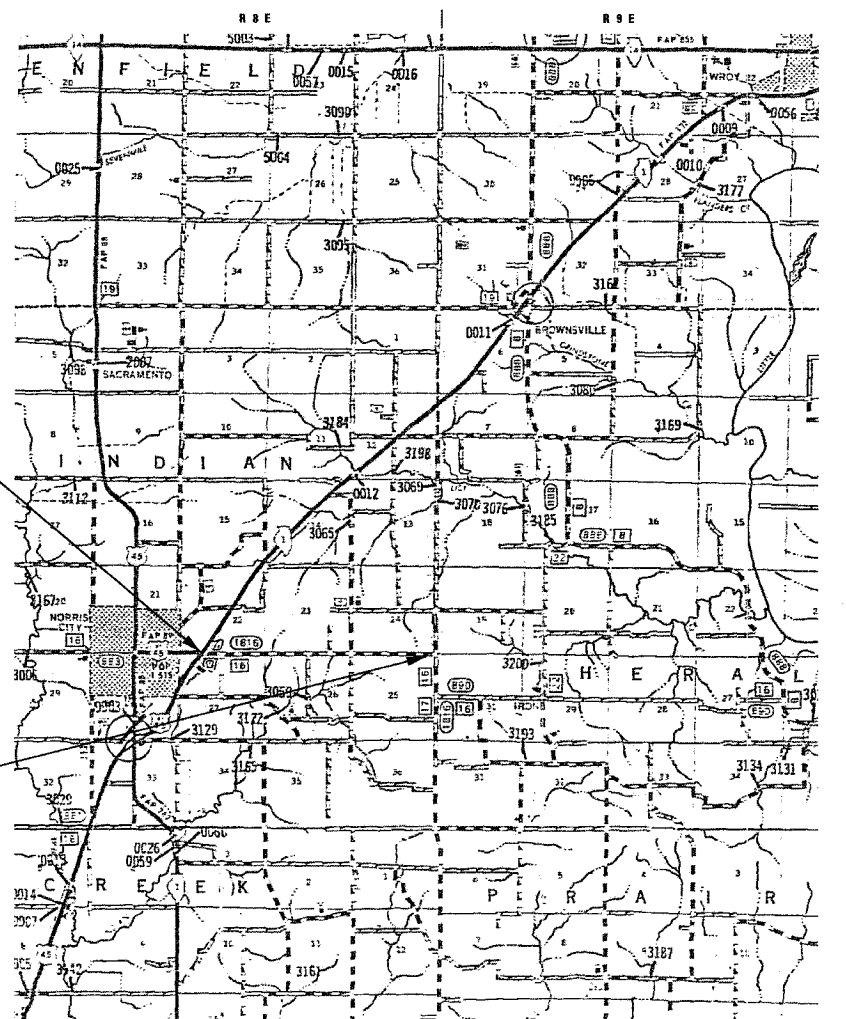
SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	QUANTITY
*XX003140	SHORT TERM PAVEMENT MARKING REMOVAL	FOOT	1326.00
*XX127400	PAVEMENT REMOVAL AND REPLACEMENT (SPECIAL)	TON	79.00
*X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	2352.00
*X4066770	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70	TON	5414.00
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	29.30
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4731.00
40600300	AGGREGATE (PRIME COAT)	TON	95.00
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1577.00
*54223477	REMOVE & RELAY PIPE CULVERTS 42"	FOOT	36.00
54390250	INSERTION CULVERT LINER 42"	FOOT	70.00
67100100	MOBILIZATION	L SUM	1.00
70100460	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	L SUM	1.00
70100600	TRAFFIC CONTROL AND PROTECTION STANDARD 701336	L SUM	1.00
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3977.00
Δ 78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	48599.00
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	166.00

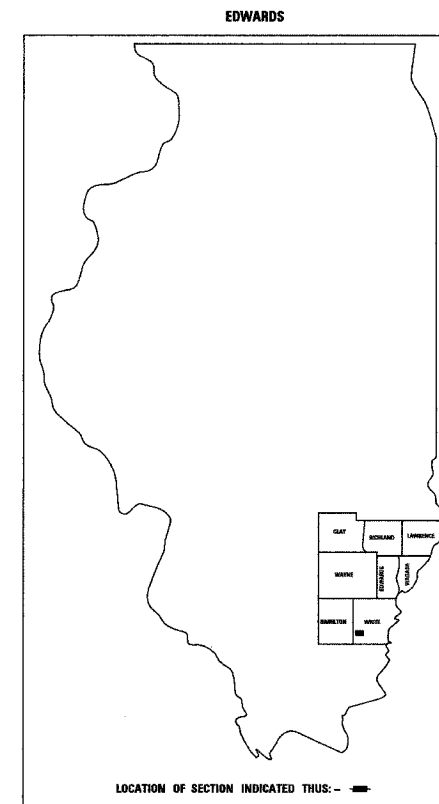
Δ SPECIALTY ITEMS

CONTRACT# 99270
DESIGN CLASS - MAJOR COLLECTOR
CURRENT A.D.T. = 770
DESIGN SPEED = 50 MPH

**J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123**



GROSS LENGTH	13,256 FT	2.5106 MILES
OMISSION	0 FT	0 MILES
NET LENGTH	13,256 FT	2.5106 MILES

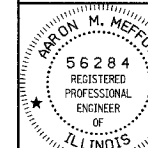


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FAX:
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PROFESSIONAL DESIGN FIRM
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION
184-000887
(62-032435)(35-002769)



AARON M. MEFFORD
NAME
Aaron Mefford
SIGNATURE
5-09-06
DATE
11-30-07
EXPIRES

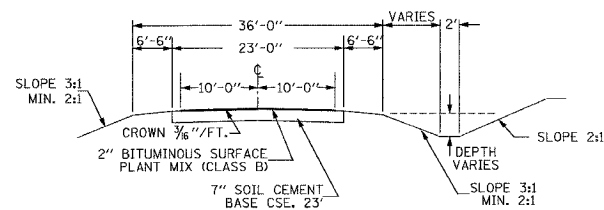
APPROVED	<i>May 09</i>	20 <i>06</i>
	<i>Josh Basaw</i>	COUNTY ENGINEER
PASSED	<i>MAY 15</i>	20 <i>06</i>
	<i>Dean W. Hill</i>	DISTRICT NINE ENGINEER OF LOCAL ROADS & STREETS
APPROVED	<i>May 10</i>	20 <i>06</i>
	<i>Mark J. ...</i>	DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

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

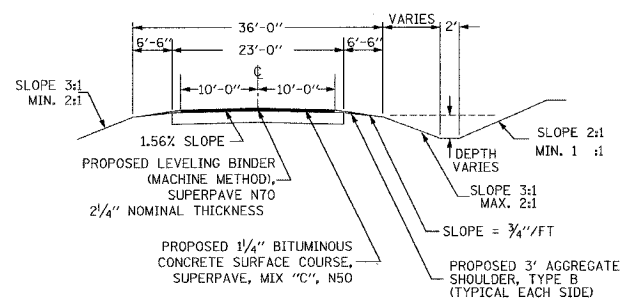
STA. 0+00 TO STA. 65+52



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".

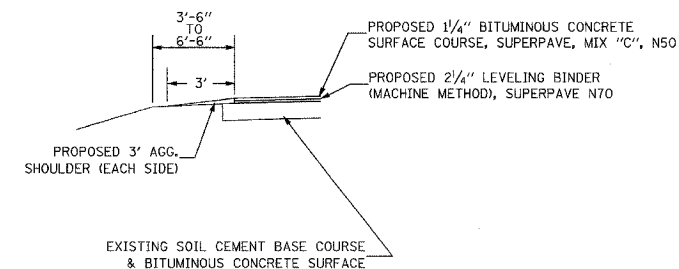
THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 ALLOWS 142.5 TON FOR THE INTERSECTIONS, SIDEROADS, AND TAPERS; 114.2 TON FOR THE ENTRANCES; 51.4 TON FOR THE MAILBOX TURNOUTS, AND 2044.0 TON FOR THE 1/4" BITUMINOUS CONCRETE SURFACE COURSE,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



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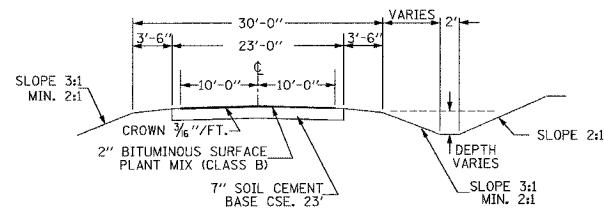


AARON M. MEFFORD
(NAME)
Aaron M. Mefford
(SIGNATURE)
5-9-07
(DATE)
11-30-07
(EXPIRES)

TYPICAL CROSS SECTION

EXISTING

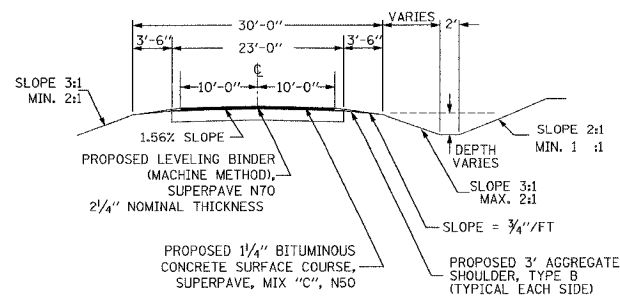
STA. 65+52 TO STA. 132+56



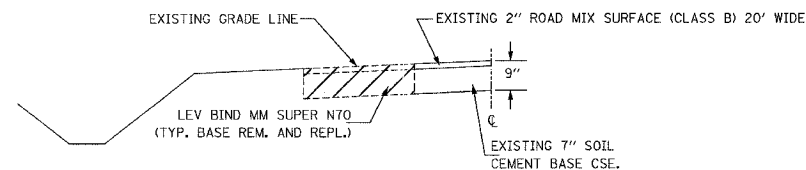
TYPICAL CROSS SECTION

PROPOSED

STA. 65+52 TO STA. 132+56

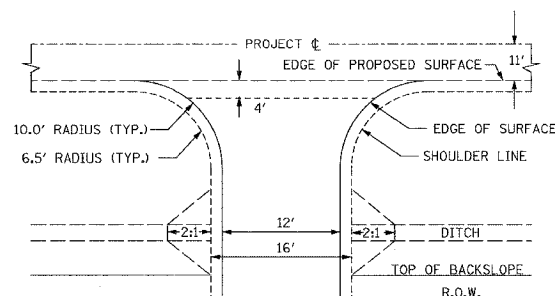


DETAIL OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL



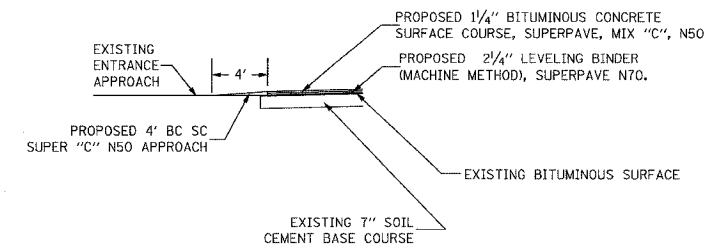
NOTE: IN THE TYPICAL DETAIL ABOVE THE DISTANCE FROM THE CENTERLINE LEFT OR RIGHT AND THE WIDTH OF PAVEMENT REMOVAL AND REPLACEMENT VARIES. SEE SCHEDULE OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL FOR PROPOSED LOCATIONS.

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.

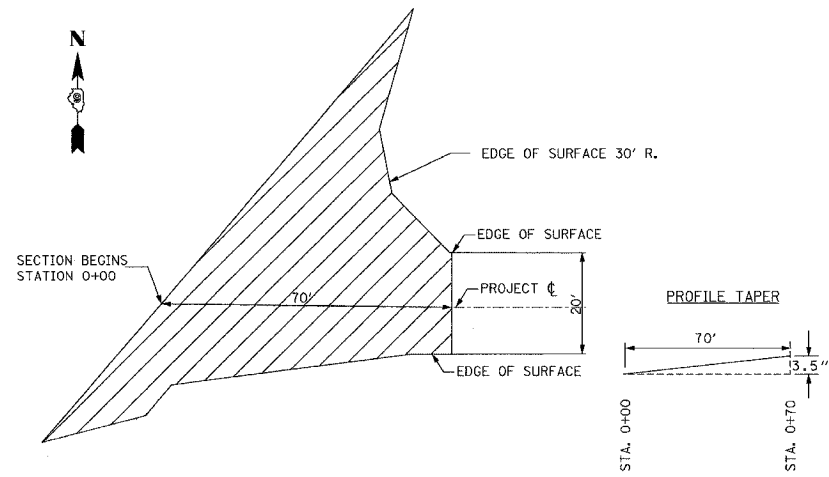
PRIVATE & FIELD ENTRANCE APPROACH DETAIL



DETAILS OF SURFACING AT INTERSECTIONS AND SIDEROADS

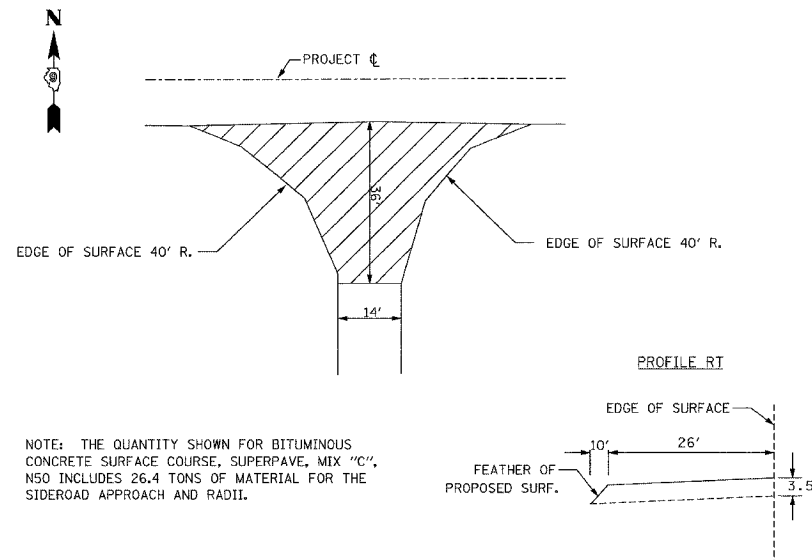
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1616	06-00099-00-RS	WHITE	4	3
FD. ROAD DIST. NO. 1		ILLINOIS	NORRIS CITY RESERVOIR	
LEC JOB # H05I019WH				

DETAIL OF TAPER STA. 0+00 TO STA 0+70



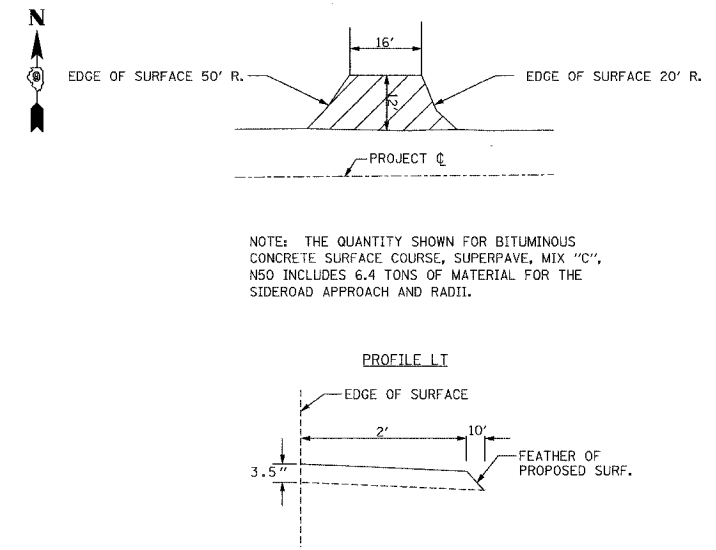
NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 67.7 TONS OF MATERIAL FOR THE TAPER FROM STATION 0+00 TO STATION 0+70.

DETAIL OF INTERSECTION RT. STA. 65+76



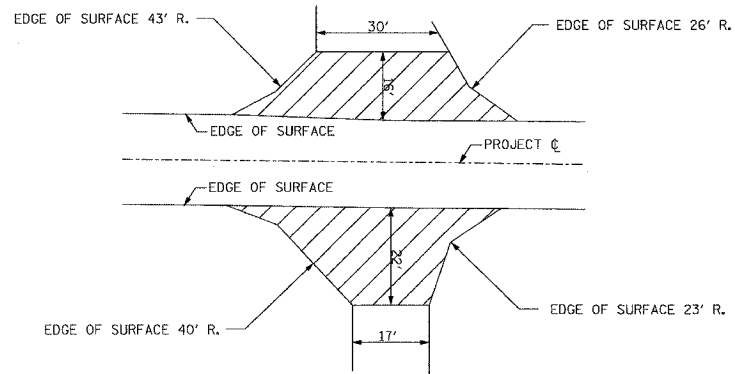
NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 26.4 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.

DETAIL OF INTERSECTION LT. STA. 78+97



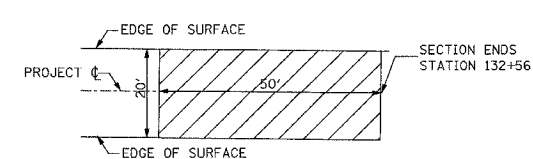
NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 6.4 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.

DETAIL OF INTERSECTION RT. & LT. STA. 92+19

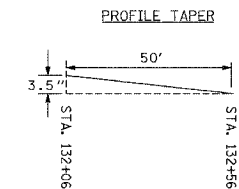
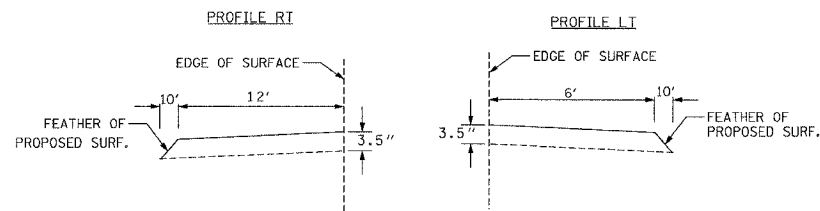


NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 14.9 TONS OF MATERIAL FOR THE SIDEROAD LT APPROACH AND RADII AND 16.3 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII.

DETAIL OF TAPER STA. 132+06 TO STA 132+56



NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 10.9 TONS OF MATERIAL FOR THE TAPER FROM STATION 132+06 TO STATION 132+56.



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