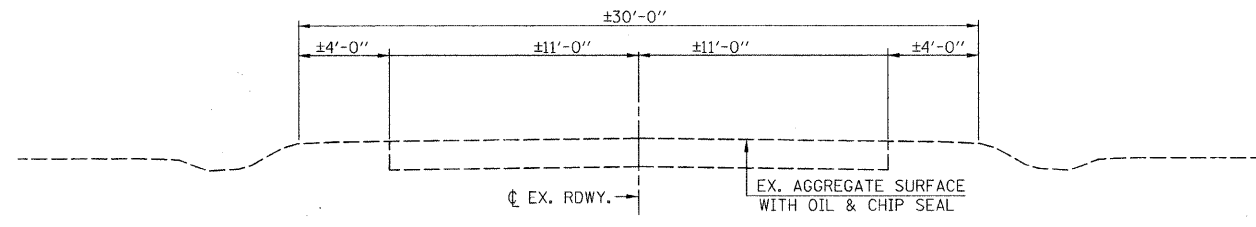
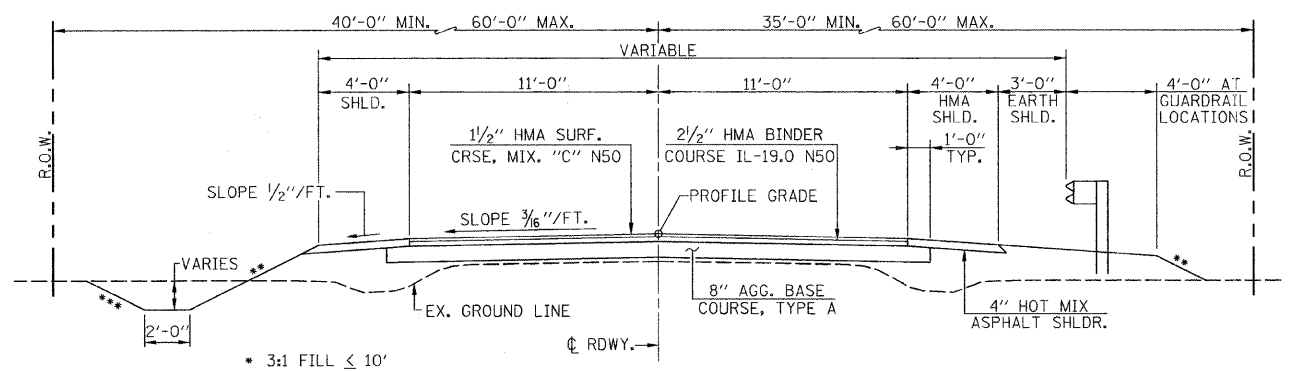


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
733	06-00088-00-BR	MACOUPIN	35	2
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

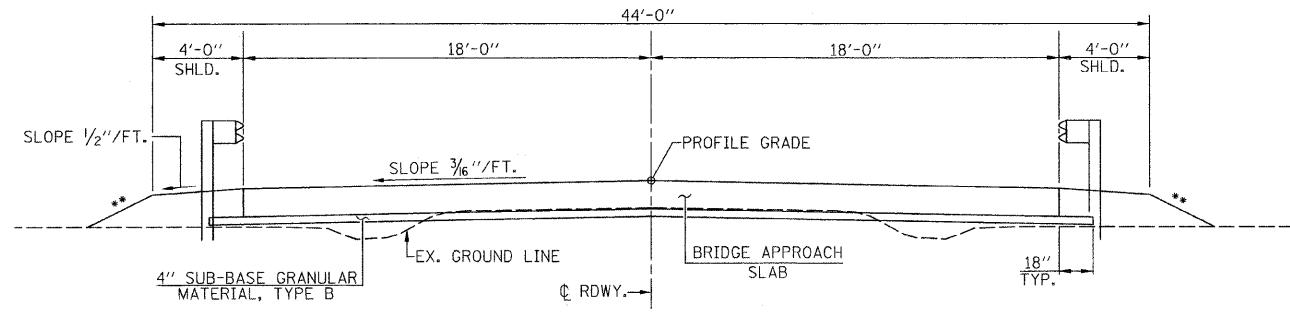


EXISTING CROSS SECTION

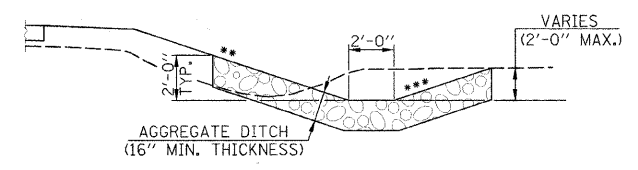


PROPOSED CROSS SECTION
(STA. 92+00 TO STA. 93+48 & STA. 96+98 TO STA. 100+30)

- * 3:1 FILL < 10'
- 2:1 FILL > 10'
- ** 3:1 CUT < 10'
- 2:1 CUT > 10'



PROPOSED CROSS SECTION
(STA. 93+48 TO STA. 93+78 & STA. 96+68 TO STA. 96+98)



AGGREGATE DITCH DETAIL

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	45
20200100	EARTH EXCAVATION	CU YD	914
21101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	27
20300100	CHANNEL EXCAVATION	CU YD	945
20400800	FURNISHED EXCAVATION	CU YD	1121
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	110
28000305	TEMPORARY DITCH CHECKS	FOOT	40
28000400	PERIMETER EROSION BARRIER	FOOT	299
28300400	AGGREGATE DITCH	TON	632
35100100	AGGREGATE BASE COURSE, TYPE A	TON	673
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	440
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	165
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	99
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	29.4
48203100	HOT MIX ASPHALT SHOULDERS	TON	96
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	214
50201101	COFFERDAM (TYPE 1) - LOCATION 1	EACH	1
50201102	COFFERDAM (TYPE 1) - LOCATION 2	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	156.9
50300255	CONCRETE SUPERSTRUCTURE	CU YD	417.7
50300260	BRIDGE DECK GROOVING	SQ YD	1096
50300280	CONCRETE ENCASEMENT	CU YD	4.2
50300300	PROTECTIVE COAT	SQ YD	1160
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	3726
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	118500
50800515	BAR SPLICERS	EACH	72
50800530	MECHANICAL SPLICERS	EACH	56
50901050	STEEL RAILING, TYPE SM	FOOT	580
51201600	FURNISHING STEEL PILES HP12X53	FOOT	305
51201710	FURNISHING STEEL PILES HP12X84	FOOT	480
51202305	DRIVING PILES	FOOT	305
51203600	TEST PILE STEEL HP12X53	EACH	2
51203710	TEST PILE STEEL HP12X84	EACH	2
51500100	NAME PLATES	EACH	1
52100520	ANCHOR BOLTS 1"	EACH	48
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	48
54215553	METAL END SECTIONS 18"	EACH	2
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	76
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	8
67100100	MOBILIZATION	L SUM	1
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1040
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X0326301	SETTING AND DRIVING PILES IN ROCK	EACH	12
X0327301	RELOCATE EXISTING MAILBOX	EACH	1
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	161
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.1
X2810808	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)	TON	862
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
Z0076600	TRAINEES	Hour	500
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	150

* SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS
 + 0042

CONSTRUCTION TYPE CODE: 0011
 BRIDGE TYPE: X071

GENERAL NOTES

WHERE SECTION OR SUBSECTION STONES ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH STONES ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR REFERENCED THEIR LOCATION. SEEDING: FERTILIZER NUTRIENTS SHALL BE APPLIED AT A RATIO OF 1:1:1 AND AT A RATE OF 90 POUNDS PER ACRE FOR EACH NUTRIENT. MULCH SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. AREAS TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. NO COMMITMENTS.

FILE NAME =	USER NAME = #USER#	DESIGNED	REVISED
#FILES#		DRAWN	REVISED
	PLOT SCALE = #SCALE#	CHECKED	REVISED
	PLOT DATE = #DATE#	DATE	REVISED

Allen Henderson & Associates, Inc.
 Civil and Structural Engineers Springfield, IL
 62703 Phone: (217)544-8033 IL Design Firm
 No. 184-001907

SUMMARY OF QUANTITIES, DETAILS & TYPICAL SECTIONS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET NO. 2 OF 35 SHEETS	733	06-00088-00-BR	MACOUPIN	35	2
STA.	TO STA.	CONTRACT NO. 93562				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						