

SUMMARY OF QUANTITIES

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 428 C.H. 11	95- 00094- 00-RS	HANCOCK	8	2
F.H.W.A. REG. NO. 4		ILLINOIS	BASCO ROAD	
CONTRACT NO. 93490				

CODE NUMBER	ITEM	UNIT	QUANTITY
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	388
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	19,697
40600300	AGGREGATE (PRIME COAT)	TON	178
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	5,391
40600895	CONSTRUCTING TEST STRIP	EACH	2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	592
40600990	TEMPORARY RAMP	SQ YD	104
40603080	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	9,134
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5,434
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	5,671
△* XX008030	STEEL RAILING, TYPE 2399 (SPECIAL)	FOOT	519.7
△* XX008081	FURNISH AND INSTALL 6" BLOCK-OUTS	EACH	1,782
△* XX008082	FURNISH AND INSTALL GUARDRAIL POSTS	EACH	885
△ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	8
△ 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	8
△* 63300725	STEEL PLATE BEAM GUARD RAIL (SHORT RADIUS)	FOOT	87.5
△ 63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	11,062.5
△* X6330103	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT	EACH	1
67100100	MOBILIZATION	L SUM	1
* 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7,545
△ 78200410	GUARDRAIL MARKERS, TYPE A	EACH	72
△* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	7
△ LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	7

* SEE SPECIAL PROVISIONS
△ SPECIALTY ITEMS

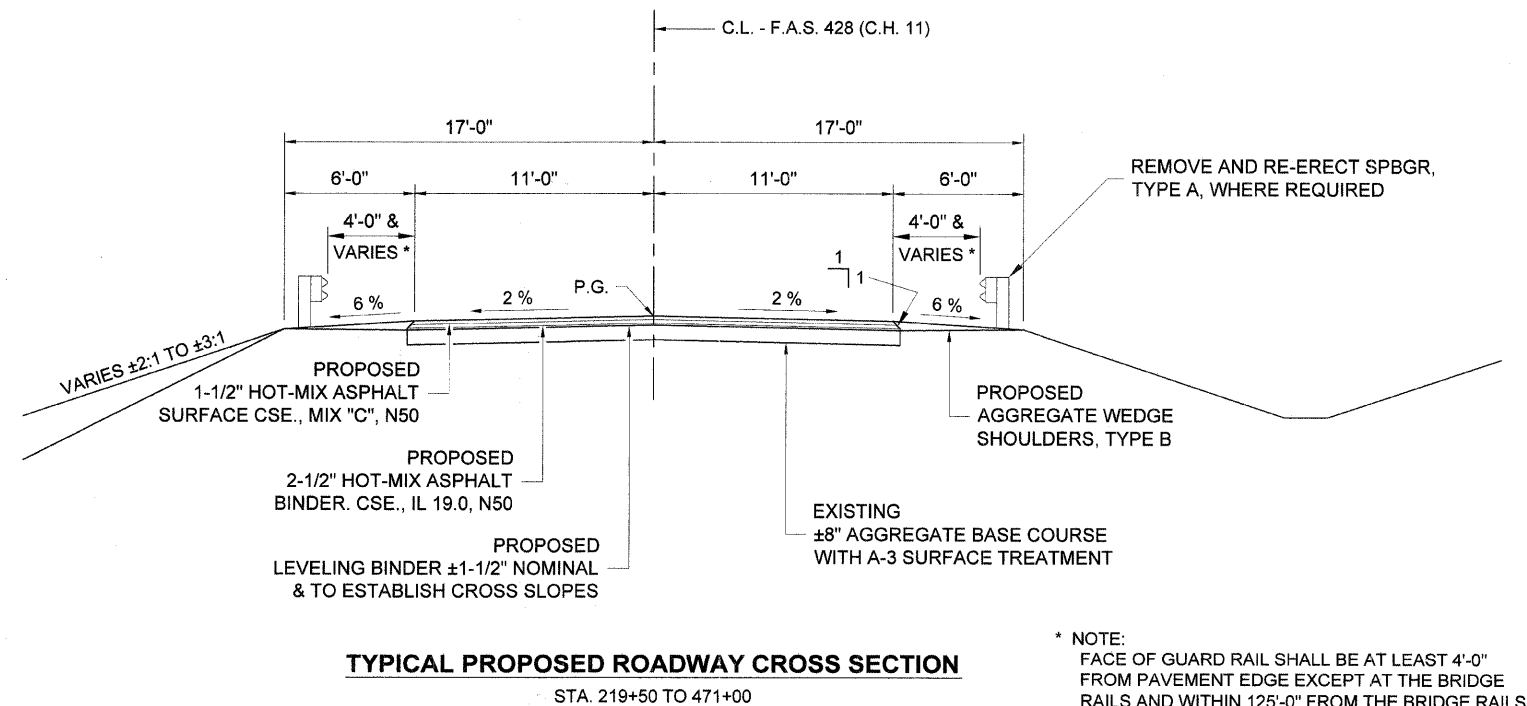
CONSTRUCTION TYPE CODE: 1000

GENERAL NOTES

- THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
- THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- SHORT-TERM PAVEMENT MARKING SHALL BE SUPPLIED BY THE CONTRACTOR AND SHALL CONFORM TO THE SPECIFICATIONS OF SECTION 703. THE TEMPORARY PAVEMENT MARKING AND THE PERMANENT PAVEMENT MARKING SHALL BE DONE BY OTHERS AS SOON AS POSSIBLE AFTER COMPLETION OF THIS PROJECT.
- THE NOTED APPLICATION RATES ARE FOR QUANTITY CALCULATIONS ONLY. THE APPLICATION RATE TO BE APPLIED WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF PLACEMENT.
- ALL EXISTING ROAD SIGNS THAT CONFLICT WITH THE PROPOSED WORK ZONE TRAFFIC CONTROL MEASURES SHALL BE REMOVED OR COVERED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT HIS OR HER OPERATIONS ACCORDINGLY. ADJUSTMENTS OF UTILITY LOCATIONS SHALL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ANY UTILITY ADJUSTMENTS OR REMOVAL HAS BEEN COMPLETED PRIOR TO THE BEGINNING OF CONSTRUCTION.
- TRANSITION AT BEGINNING AND END OF IMPROVEMENT, AND AT EACH BRIDGE 5 1/2" IN 100', OR AS DIRECTED BY THE ENGINEER (SEE BUTT - JOINT DETAIL).
- ALL PLAN ELEVATIONS REPRESENT AN ASSUMED DATUM.
- THE CONTRACTOR SHALL KEEP ONE TRAFFIC LANE OPENED AT ALL TIMES. NO OVERNIGHT LANE CLOSURE SHALL BE PERMITTED.

ROAD QUANTITIES

LOCATION	AGG SURF CSE B TON	BIT MATLS PR CT GALLON	AGG PR COAT TON	LEV BIND MM N50 TON	HMA BC IL-19.0 N50 TON	HMA SC "C" N50 TON	AGG WEDGE SHLD TYPE B TON	HMA SURF REM BUTT JT SY	TEMP RAMP SY
ROADWAY STA. 219+50 TO STA. 471+00		17,817	178	5,216	8,504	4,989	5,671		
8 HMA BUTT - JOINT TRANSITIONS		592		40	192	168		592	104
53 ENTRANCES	318	424			159	106			
18 MAILBOX TURNOUTS		144			54	36			
9 SIDE ROADS	70	720		135	225	135			
TOTALS	388	19,697	178	5,391	9,134	5,434	5,671	592	104



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	AGGREGATE COMPOSITION	ASPHALT GRADE	VOIDS
LEVELING BINDER (MACHINE METHOD), N50	IL 9.5 or 12.5	PG 64-22	4.0% @ N50
HOT-MIX ASPHALT BINDER COURSE	IL 19.0	PG 64-22	4.0% @ N50
HOT-MIX ASPHALT SURFACE COURSE	IL 9.5 or 12.5 Mix "C"	PG 64-22	4.0% @ N50

APPLICATION RATES USED IN QUANTITY CALCULATIONS

AGGREGATE SURFACE CSE, TYPE B	2.05 TON / CU. YD.
AGGREGATE SHOULDERS, TYPE B	2.05 TON / CU. YD.
AGGREGATE (PRIME COAT)	2 LBS. / SQ. YD.
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL. / SQ. YD.
HOT MIX ASPHALT (SURFACE & BINDER)	112 LBS. / SQ. YD. / IN.

SUMMARY OF QUANTITIES, GENERAL NOTES, & TYPICAL CROSS SECTION

SECTION 96-00094-00-RS
F.A.S. 428 (C.H. 11)
HANCOCK COUNTY