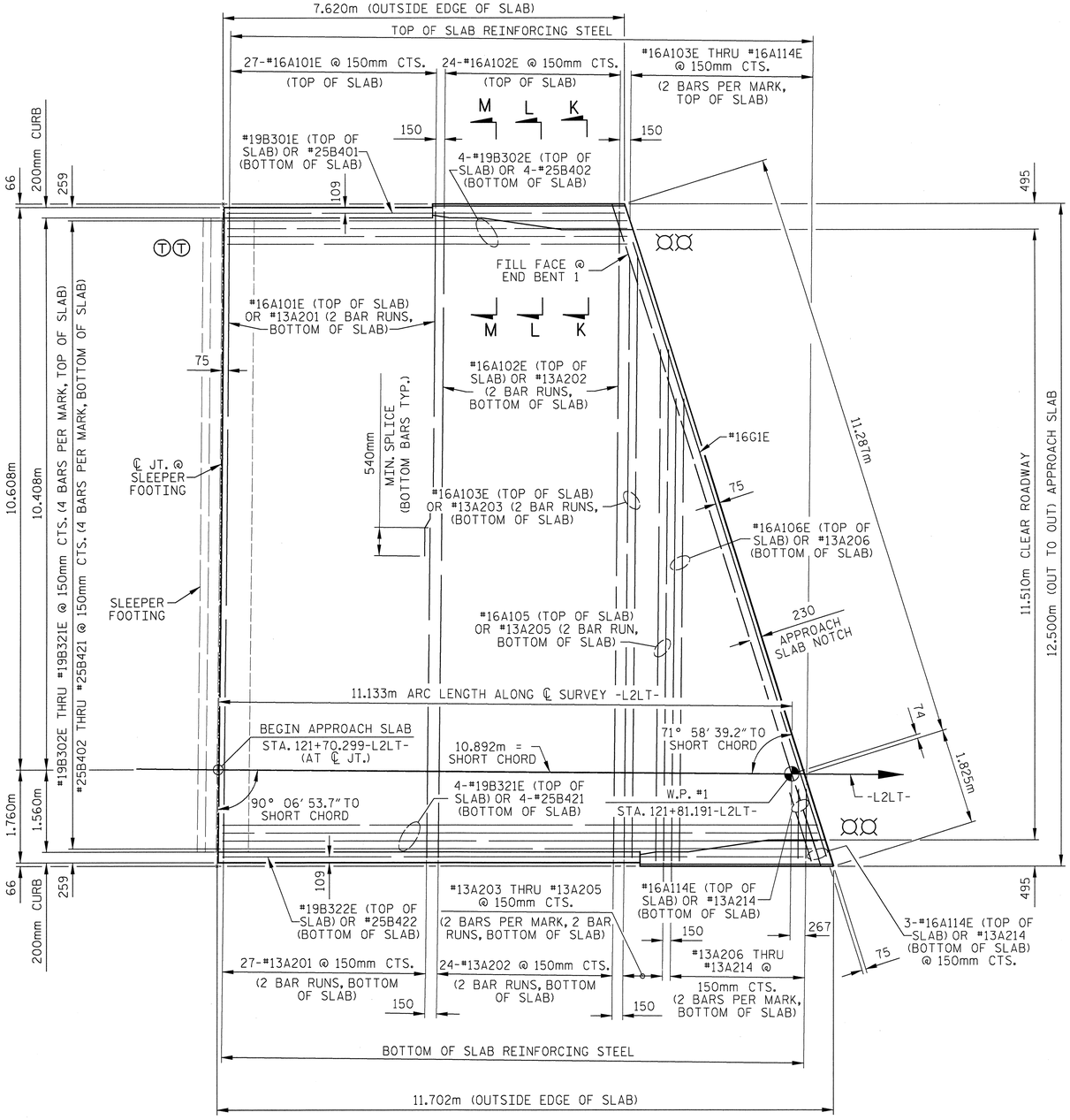
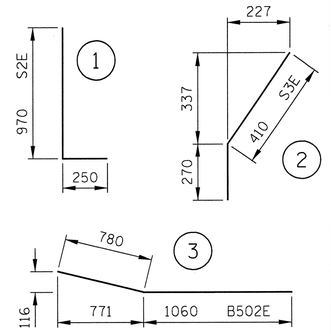


PLAN OF APPROACH SLAB AT END BENT NO. 1

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

REINFORCING STEEL	3,897 kg
EXPOXY COATED REINFORCING STEEL	3,247 kg

CLASS "AA" CONCRETE		
POUR 1	SLAB AND CURB	37.1 cu. m
POUR 2	RAIL	1.6 cu. m
	TOTAL	38.7 cu. m

REINFORCING BAR SCHEDULE

APPROACH SLAB @ END BENT NO. 1

BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
A101E	27	16	STR	12260	514
A102E	24	16	STR	12340	460
A103E	2	16	STR	11440	36
A104E	2	16	STR	10520	33
A105E	2	16	STR	9660	30
A106E	2	16	STR	8760	27
A107E	2	16	STR	7840	24
A108E	2	16	STR	6920	21
A109E	2	16	STR	6000	19
A110E	2	16	STR	5080	16
A111E	2	16	STR	4160	13
A112E	2	16	STR	3240	10
A113E	2	16	STR	2320	7
A114E	5	16	STR	1400	11
A201	54	13	STR	6400	344
A202	48	13	STR	6440	307
A203	4	13	STR	6000	24
A204	4	13	STR	5540	22
A205	4	13	STR	5120	20
A206	2	13	STR	8760	17
A207	2	13	STR	7840	16
A208	2	13	STR	6920	14
A209	2	13	STR	6000	12
A210	2	13	STR	5080	10
A211	2	13	STR	4160	8
A212	2	13	STR	3240	6
A213	2	13	STR	2320	5
A214	5	13	STR	1400	7
B301E	1	19	STR	7560	17
B302E	4	19	STR	7600	68
B303E	4	19	STR	7800	70
B304E	4	19	STR	8000	72
B305E	4	19	STR	8200	73
B306E	4	19	STR	8380	75
B307E	4	19	STR	8580	77
B308E	4	19	STR	8780	78
B309E	4	19	STR	8980	80
B310E	4	19	STR	9180	82
B311E	4	19	STR	9360	84
B312E	4	19	STR	9560	85
B313E	4	19	STR	9760	87
B314E	4	19	STR	9960	89
B315E	4	19	STR	10160	91
B316E	4	19	STR	10340	92
B317E	4	19	STR	10540	94
B318E	4	19	STR	10740	96
B319E	4	19	STR	10940	98
B320E	4	19	STR	11140	100
B321E	4	19	STR	11320	101
B322E	1	19	STR	11520	26
B401	1	25	STR	7560	30
B402	4	25	STR	7600	121
B403	4	25	STR	7800	124
B404	4	25	STR	8000	127
B405	4	25	STR	8200	130
B406	4	25	STR	8380	133
B407	4	25	STR	8580	136
B408	4	25	STR	8780	140
B409	4	25	STR	8980	143
B410	4	25	STR	9180	146
B411	4	25	STR	9360	149
B412	4	25	STR	9560	152
B413	4	25	STR	9760	155
B414	4	25	STR	9960	158
B415	4	25	STR	10160	161
B416	4	25	STR	10340	164
B417	4	25	STR	10540	168
B418	4	25	STR	10740	171
B419	4	25	STR	10940	174
B420	4	25	STR	11140	177
B421	4	25	STR	11320	180
B422	1	25	STR	11520	46
B501E	14	16	STR	3500	76
B502E	2	16	3	1840	6
G1E	1	16	STR	13000	20
S1E	58	16	STR	980	88
S2E	42	16	1	1220	80
S3E	20	16	2	680	21

"E" DENOTES EPOXY COATED REINFORCING STEEL.

NOTES

FOR BARRIER RAIL TRANSITION, DIMENSIONS AND REINFORCING STEEL, SEE SHEET 5 OF 5.

TEMPORARY BERM AND SLOPE DRAINS REQUIRED AT THIS LOCATION. FOR DETAILS, SEE SHEET 1 OF 5.

FOR SLEEPER FOOTING DETAILS, SEE SHEET 4 OF 5.

FOR SECTION K-K, SECTION L-L AND SECTION M-M, SEE SHEET 1 OF 5.

Prepared by
EarthTech
A Tyco International Ltd. Company
701 Corporate Center Drive, Suite 475
Raleigh, NC 27607
(919) 854-6200 – (919) 854-6259 (Fax)

PROJECT NO. R-2552C

JOHNSTON COUNTY

STATION: 121+97.157 -L2LT-

SHEET 2 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTUCTURE

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT WITH BARRIER RAIL (LEFT BRIDGE)

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 41759 THOMAS L. CRABTREE, II
2/7/05

R.N. LTB1-25

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-290
1			3			TOTAL SHEETS
2			4			431

DRAWN BY : LOFTON DATE : 12/04
CHECKED BY : CJW DATE : 01/05
APPROVED BY : DATE :

USER: kmjofton
DGN: K:\7862\LI_Bridge\CADD\as2Lt.dgn
DATE: 2/4/2005
TIME: 15:08:54

USER: kmjofton
DGN: K:\7862\LI_Bridge\CADD\as2Lt.dgn
DATE: 2/4/2005
TIME: 15:08:53