ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 4 FAS 321	04-00034 -04-BR	IROQUOIS	16	2
ROAD DIST.		ILLINOIS	PROJ. NO. BRS-32(113)	

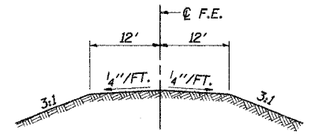
CONTRACT NO. 87299

SUMMARY OF QUANTITIES

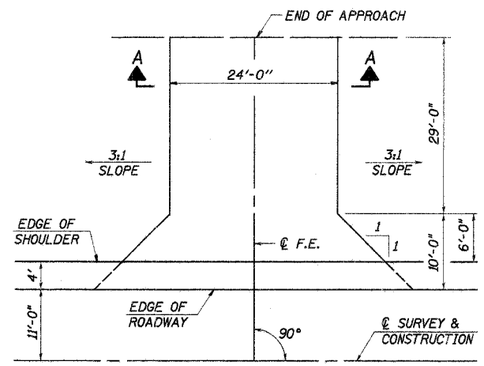
CONSTRUCTION TYPE CODE X020-2A

NUMBER	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	375
20300100	CHANNEL EXCAVATION	CU YD	284
* 20700110	POROUS GRANULAR EMBANKMENT	TON	64
* 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40
28000300	TEMPORARY DITCH CHECKS	EACH	4
28000400	PERIMETER EROSION BARRIER	FOOT	400
28100207	STONE RIPRAP, CLASS A4	TON	270
* 28200200	FILTER FABRIC	SQ YD	359
35501332	HOT-MIX ASPHALT BASE COURSE 12"	SQ YD	56
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	111
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	81
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	472
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	132
* 44000700	APPROACH SLAB REMOVAL	SQ YD	107
48100100	AGGREGATE SHOULDERS, TYPE A	TON	212
* 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
* 50300255	CONCRETE SUPERSTRUCTURE	CU YD	167.4
50300260	BRIDGE DECK GROOVING	SQ YD	299
50300280	CONCRETE ENCASEMENT	CU YD	20.5
50300300	PROTECTIVE COAT	SQ YD	320
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	35,250
50901005	STEEL BRIDGE RAIL, TYPE SM	FOOT	193
51201105	FURNISHING METAL SHELL PILES 14"	FOOT	766
* 51202305	DRIVING PILES	FOOT	766
51203200	TEST PILE METAL SHELLS	EACH	2
51500100	NAME PLATES	EACH	1
* 542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	42
* 60100925	PIPE DRAINS 8"	FOOT	30
* 60100945	PIPE DRAINS 12"	FOOT	30
63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	200
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	322
67100100	MOBILIZATION	L SUM	1
* 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	4
* X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION NO. 1	EACH	1
* X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION NO. 2	EACH	1

*SEE SPECIAL PROVISIONS

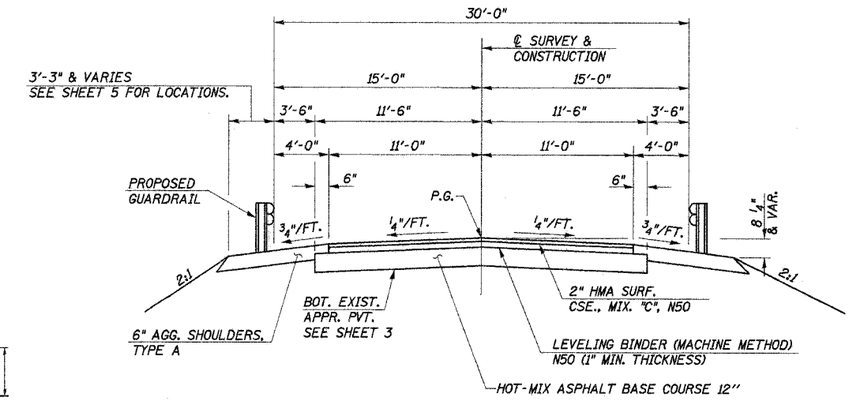


SECTION A-A



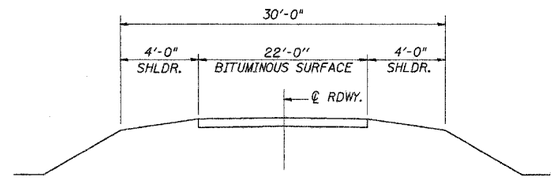
FIELD ENTRANCE DETAIL

F.E. RT. STA. 141+00

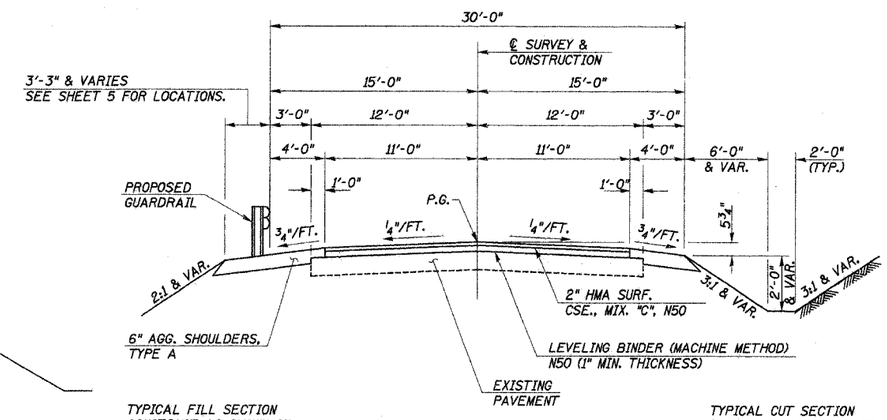


TYPICAL PROPOSED CROSS SECTION #1

STA. 138+46.04(±) TO STA. 138+56.92
STA. 139+53.08 TO STA. 139+63.96(±)



EXISTING TYPICAL CROSS SECTION



TYPICAL FILL SECTION CONSTRUCT AS SHOWN ON STATION CROSS SECTIONS.

TYPICAL CUT SECTION CONSTRUCT AS SHOWN ON STATION CROSS SECTIONS.

TYPICAL PROPOSED CROSS SECTION #2

STA. 136+75 TO STA. 138+46.04(±)
STA. 139+63.96(±) TO STA. 141+25

TRANSITION FROM EXISTING ROADWAY TO PROPOSED ROADWAY TO BE CONSTRUCTED FROM STA. 136+25 TO STA. 136+75 AND FROM STA. 141+25 TO STA. 141+75.

GENERAL NOTES

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 MARKS AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY, AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.4 ACRE

TEMPORARY EROSION CONTROL

THE FOLLOWING QUANTITIES ARE ESTIMATES ONLY. ACTUAL QUANTITIES FOR EROSION CONTROL WILL BE DETERMINED BY THE ENGINEER IN THE FIELD AND THERE WILL BE NO ADJUSTMENT IN ANY PRICE DUE TO A CHANGE IN PLAN QUANTITY.

PERIMETER EROSION BARRIER	=	400 FOOT
TEMPORARY EROSION CONTROL SEEDING	=	40 POUND
TEMPORARY DITCH CHECKS	=	4 EACH

SUMMARY OF QUANTITIES, GENERAL NOTES AND TYPICAL CROSS SECTION
COUNTY HIGHWAY 4
SECTION 04-00034-04-BR
IROQUOIS COUNTY
STA. 139+05

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ENGINEERING AND SCIENCE CONSULTANTS

JOB NO.: 46817
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DATE: 12/08/06

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