

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 159	01-11126-00-BR	IROQUOIS	23	2
DOUGLAS ROAD DIST.		ILLINOIS	BROS-075(128)	
CONTRACT NO. 87300				

SUMMARY OF QUANTITIES

NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE X081-2A
20100500	TREE REMOVAL, ACRES	ACRE	0.2	
20200100	EARTH EXCAVATION	CU YD	660	
20300100	CHANNEL EXCAVATION	CU YD	1960	
20400800	FURNISHED EXCAVATION	CU YD	110	
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.9	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	
28000300	TEMPORARY DITCH CHECKS	EACH	4	
28000400	PERIMETER EROSION BARRIER	FOOT	1330	
28100209	STONE RIPRAP, CLASS A5	TON	1147	
28102600	STONE RIPRAP DITCH	TON	44	
28200200	FILTER FABRIC	SQ YD	905	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1198	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	120	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	
50300225	CONCRETE STRUCTURES	CU YD	90.8	
50300280	CONCRETE ENCASEMENT	CU YD	52.0	
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	7800	
50800105	REINFORCEMENT BARS	POUND	9070	
50900205	STEEL RAILING, TYPE S1	FOOT	522	
51201105	FURNISHING METAL SHELL PILES 14"	FOOT	2305	
51202305	DRIVING PILES	FOOT	2305	
51203200	TEST PILE METAL SHELLS	EACH	3	
51500100	NAME PLATES	EACH	1	
54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	94	
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	868	
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	1170	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	1	
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	1	
66700095	PERMANENT SURVEY MARKERS	EACH	1	
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

△ SPECIALTY ITEMS

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.

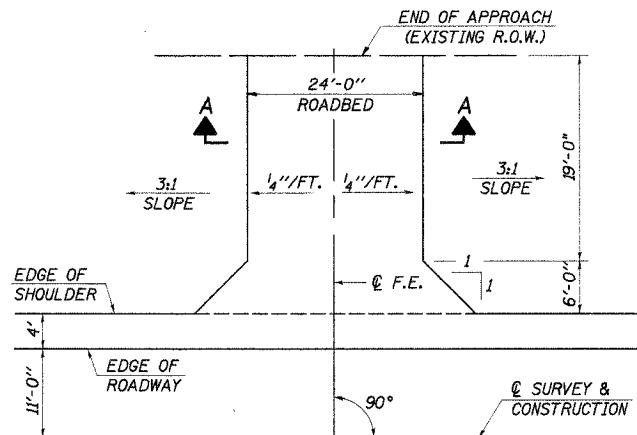
THE AREA TO BE SEEDDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY, AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.9 ACRE

ALL TREES BETWEEN THE LIMITS SHOWN BELOW AND THE ADJACENT SHOWN R.O.W. WHICH INTERFERE WITH THE CONSTRUCTION SHALL BE REMOVED ONLY AS DIRECTED BY THE ENGINEER. SEE THE SPECIAL PROVISIONS.

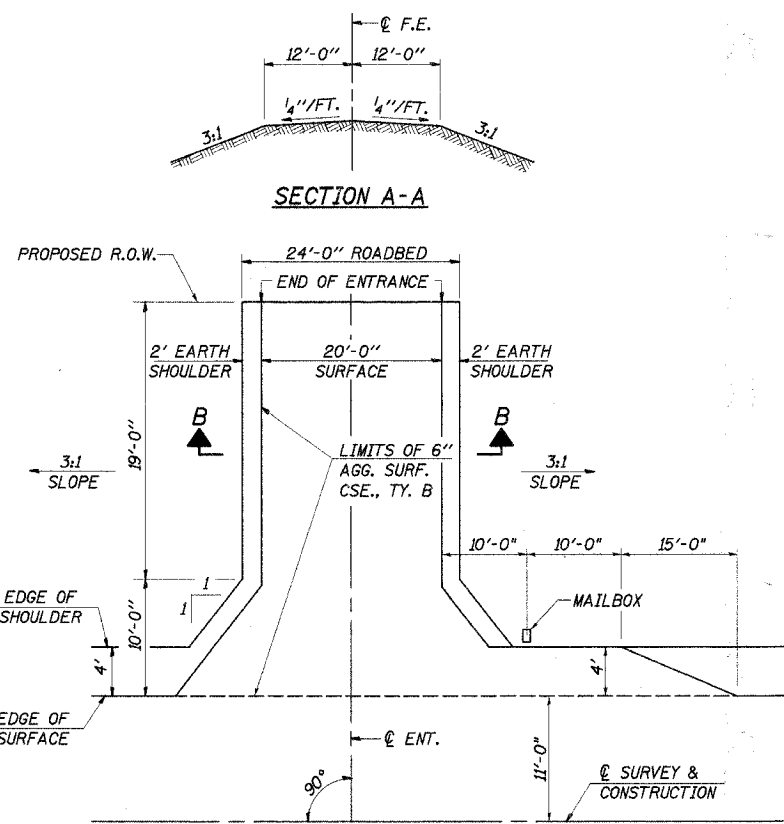
25' RT. STA. 10+00 TO 25' RT. STA. 17+00

TREE REMOVAL, ACRES = 0.2 ACRE



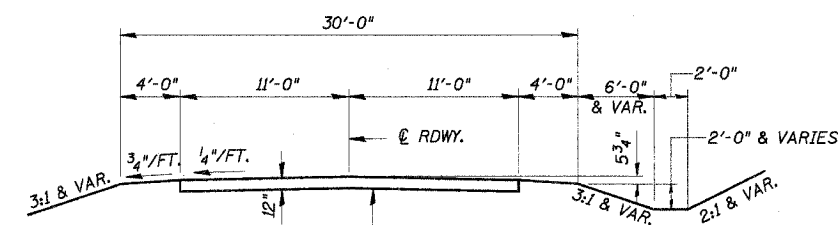
FIELD ENTRANCE DETAIL

F.E. RT. STA. 17+27



PRIVATE ENTRANCE W/ MAILBOX TURNOUT DETAIL

LT. STA. 16+97

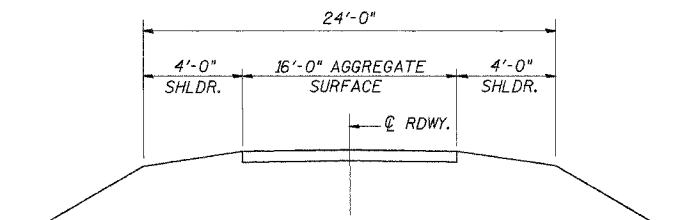


TYPICAL PROPOSED CROSS SECTION

STA. 10+50 TO STA. 18+25

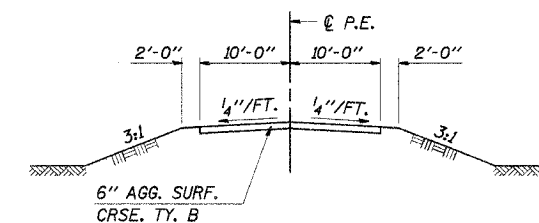
ROAD CLASSIFICATION: LOCAL ROAD ADT 0-250
CURRENT ADT LESS THAN 150

TRANSITION FROM EXISTING ROADWAY TO PROPOSED ROADWAY TO BE CONSTRUCTED FROM STA. 10+00 TO STA. 10+50 AND FROM STA. 18+25 TO STA. 18+75.



EXISTING TYPICAL CROSS SECTION

BITUMINOUS MIXTURE REQUIREMENTS			
ITEM	ASPHALT GRADE	ALLOWABLE RAP	VOIDS
SURFACE, MIX C, N50	P.G. 58-22	15%	4.0%



SECTION B-B

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	ESTIMATED SUITABLE CHANNEL EXCAVATION	SUITABLE CHANNEL EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FOR INFORMATION ONLY)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)**
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STA. 10+00 TO STA. 18+75	660	495	980	735	1340	-110
TOTALS	660	495	980	735	1340	-110

**FURNISHED EXCAVATION

SUMMARY OF QUANTITIES, GENERAL NOTES AND TYPICAL CROSS SECTION

SECTION 01-11126-00-BR
DOUGLAS ROAD DISTRICT
IROQUOIS COUNTY
STATION 14+69.94

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