

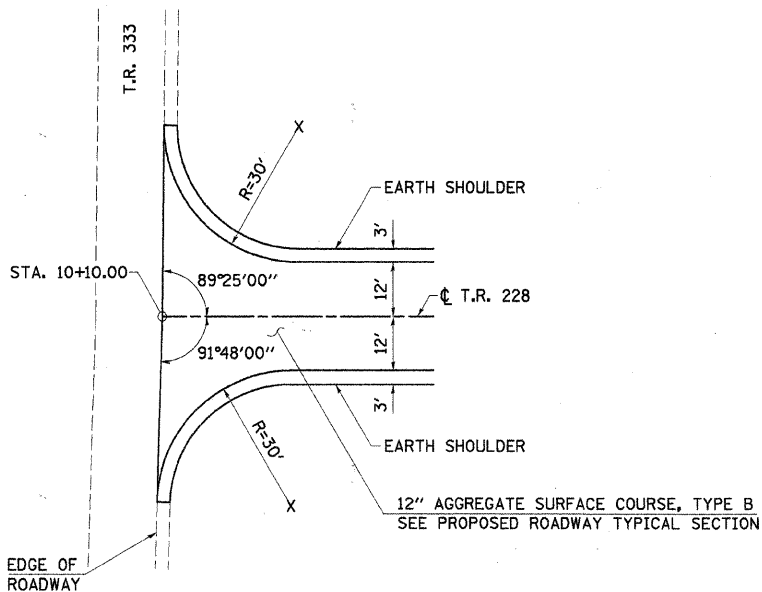
SUMMARY OF QUANTITIES

CONSTRUCTION  
TYPE CODE  
0011

NUMBER	ITEM	UNIT	QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	106
20100500	TREE REMOVAL, ACRES	ACRE	0.1
20200100	EARTH EXCAVATION	CU YD	836
20300100	CHANNEL EXCAVATION	CU YD	950
20400800	FURNISHED EXCAVATION	CU YD	3,177
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	106
28000305	TEMPORARY DITCH CHECKS	FOOT	240
28000400	PERIMETER EROSION BARRIER	FOOT	1,968
28100209	STONE RIPRAP, CLASS A5	TON	759
28200200	FILTER FABRIC	SQ YD	728
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1,324
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	52.4
50300280	CONCRETE ENCASEMENT	CU YD	42.6
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	5,040
50800105	REINFORCEMENT BARS	POUND	6,870
50900205	STEEL RAILING, TYPE S1	FOOT	337
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1,274
51202305	DRIVING PILES	FOOT	1,274
51203600	TEST PILE STEEL HP12X53	EACH	2
51500100	NAME PLATES	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
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.8
X2830495	AGGREGATE DITCH (SPECIAL)	TON	280
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1

\*SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS



INTERSECTION DETAIL

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 SEEDD SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY, AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.8 ACRE

THE AREA OF WETLAND SITE 1 WHICH IS DISTURBED BY CONSTRUCTION SHALL BE SEEDD WITH AGROSTIS ALBA (REDTOP) AT A RATE OF 5 POUNDS PER ACRE. COST IS INCLUDED IN "SEEDING, CLASS 2 (SPECIAL).

"PERIMETER EROSION BARRIER" SHALL BE INSTALLED AT THE BOUNDARIES OF THE PROPOSED RIGHT OF WAY TO ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT ENCR OACH ON THE REMAINDER OF WETLAND SITE 1.

TREES THAT INTERFERE WITH THE CONSTRUCTION WITHIN THE LIMITS OF THE R.O.W. LINE SHALL BE REMOVED ONLY AS DIRECTED BY THE ENGINEER.

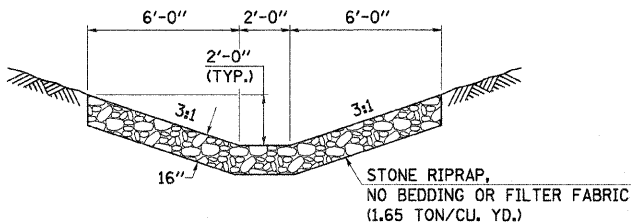
TREE REMOVAL (OVER 15 UNITS DIAMETER)

34' RT. STA. 13+57	=	36 UNIT
32' RT. STA. 14+79	=	24 UNIT
21' RT. STA. 14+98	=	30 UNIT
31' LT. STA. 17+38	=	16 UNIT
TOTAL	=	106 UNIT

TREE REMOVAL, ACRE

(WITHIN CONSTRUCTION LIMITS)

LT. STA. 14+98 TO LT. STA. 16+10	
& RT. STA. 17+47 TO RT. STA. 18+72	= 0.1 ACRE
TOTAL	= 0.1 ACRE

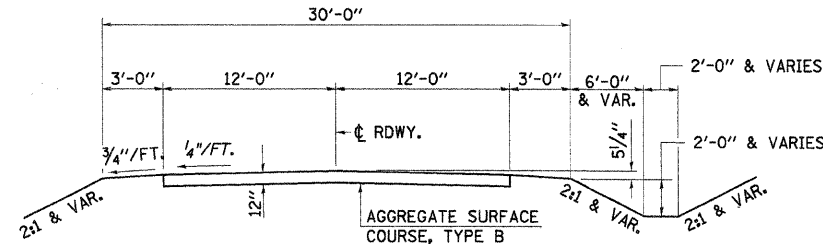


AGGREGATE DITCH (SPECIAL)

RT. STA. 17+50 TO RT. STA. 19+00	= 170 TON
LT. STA. 18+00 TO LT. STA. 19+00	= 110 TON
TOTAL	= 280 TON

APPLICATION RATES USED IN QUANTITY CALCULATIONS

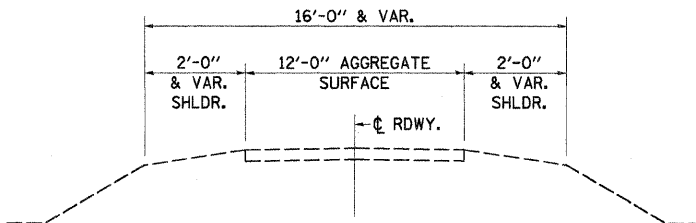
STONE RIPRAP, CLASS A5	1.65 TON/CU YD
AGGREGATE SURFACE COURSE	2.05 TON/CU YD
AGGREGATE DITCH (SPECIAL)	1.65 TON/CU YD



TYPICAL PROPOSED CROSS SECTION

STA. 10+60 TO 18+50

TRANSITION FROM EXISTING ROADWAY TO PROPOSED ROADWAY TO BE CONSTRUCTED FROM STA. 10+10 TO STA. 10+60 AND FROM STA. 18+50 TO STA. 19+00.



EXISTING TYPICAL CROSS SECTION

TEMPORARY EROSION CONTROL

THE FOLLOWING QUANTITIES ARE ESTIMATE 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.

TEMPORARY EROSION CONTROL SEEDINGS	= 106 POUND
PERIMETER EROSION CONTROL BARRIER	= 1,968 FOOT
TEMPORARY DITCH CHECKS	= 240 FOOT

TEMPORARY DITCH CHECKS

RT. STA. 11+50	= 20 FOOT
RT. STA. 13+50	= 20 FOOT
LT. & RT. STA. 15+50	= 40 FOOT
LT. STA. 16+00	= 20 FOOT
LT. & RT. STA. 16+50	= 40 FOOT
LT. & RT. STA. 17+00	= 40 FOOT
LT. & RT. STA. 17+50	= 40 FOOT
LT. STA. 18+00	= 20 FOOT
TOTAL	= 240 FOOT

FILE NAME =  
09-478-SUMTYP.DGN

DESIGNED - G.J.C.  
DRAWN - S.A.P.  
CHECKED - R.J.C.  
DATE - 11/29/10

REVISED -  
REVISED -  
REVISED -  
REVISED -

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SUMMARY OF QUANTITIES, GENERAL NOTES  
AND TYPICAL CROSS SECTIONS

SCALE: N/A

SHEET NO. 1 OF 1 SHEETS

PROPOSED STRUCTURE @ STA. 14+52.50

TWP.  
RTE.

228

SECTION

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COUNTY

IROQUOIS

TOTAL  
SHEETS

19

SHEET  
NO.

2

CONTRACT NO. 87446

ILLINOIS ASH GROVE/MILFORD ROAD DISTRICTS

\*09-478