

SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	306
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	72
20200100	EARTH EXCAVATION	CU YD	280
20300100	CHANNEL EXCAVATION	CU YD	100
20400800	FURNISHED EXCAVATION	CU YD	1,430
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	244
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
51500100	NAME PLATES	EACH	1
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	44.5
* 67100100	MOBILIZATION	L SUM	1
* 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
* X0326210	GEOTECHNICAL FABRIC, SPECIAL	SQ YD	267
* X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
* X2830495	AGGREGATE DITCH (SPECIAL)	TON	83
* X00857	ALUMINUM BOX CULVERT	EACH	1

* SEE SPECIAL PROVISIONS

CONSTRUCTION TYPE CODE: 0011

△ SPECIALTY ITEMS

EARTHWORK

LOCATION	EXCAVATION CU YD	EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD
STA 8+35 TO STA 12+55	280	210	1,745	-1,535
CULVERT EXCAVATION **	140	105	0	105
TOTAL	280	315	1,745	-1,430

** CULVERT EXCAVATION SHALL BE INCLUDED IN THE COST FOR ALUMINUM BOX CULVERT. SUITABLE EXCAVATED MATERIAL SHALL BE PLACED IN EMBANKMENTS.

STONE DUMPED RIPRAP, CLASS A4

LOCATION	GRADATION	TON
LT STA 9+95 TO STA 11+00	RR4	143
RT STA 9+45 TO STA 9+94	RR4	101
TOTAL		244

APPLICATION RATES USED IN QUANTITY CALCULATIONS

Riprap ----- 1.65 Tons/Cu. Yd.

AGGREGATE DITCH (SPECIAL)

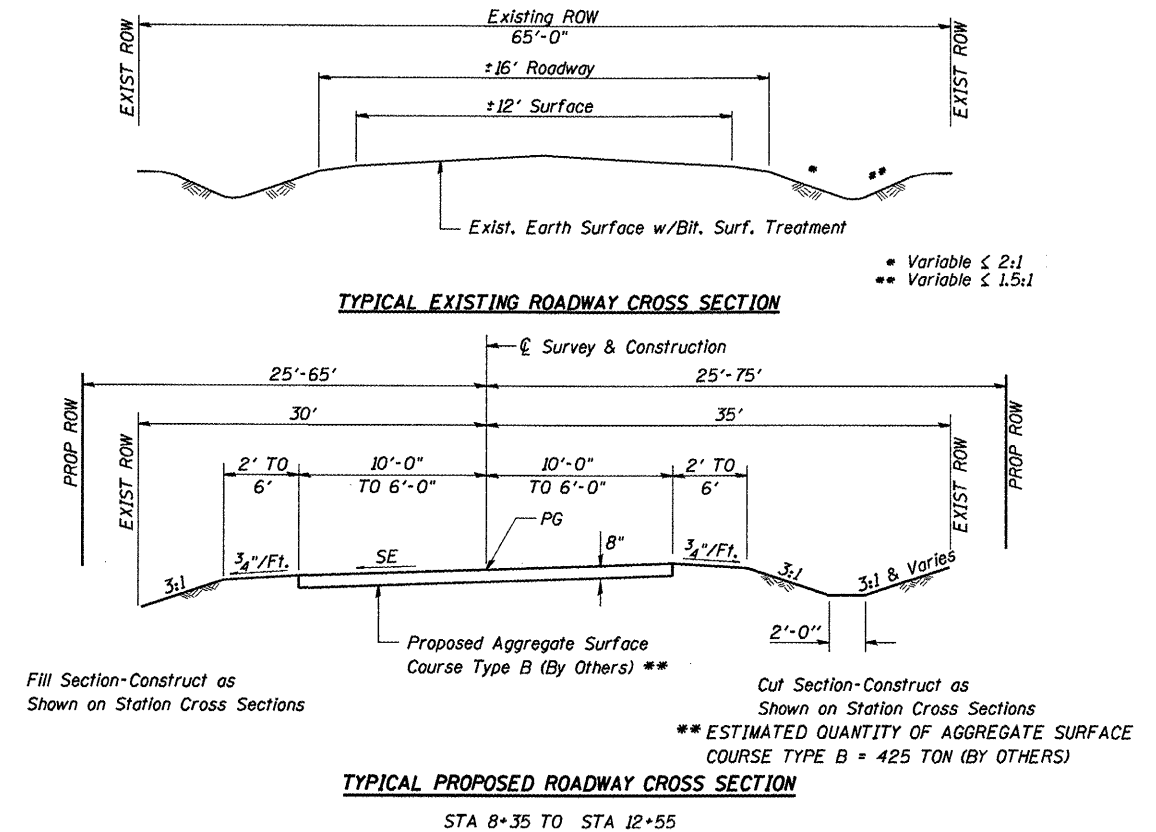
LOCATION	GRADATION	TON
LT STA 9+23 TO STA 9+95	RR3	33
RT STA 9+25 TO STA 9+47	RR4	14
RT STA 9+94 TO STA 10+50	RR3	36
TOTAL		83

COMMITMENTS

NONE

TREE REMOVAL

LOCATION	6 TO 15 UNITS DIAMETER UNIT	OVER 15 UNITS DIAMETER UNIT
31' LT STA 9+49	12	
41' LT STA 9+58	9	
22' LT STA 9+74	9	
31' LT STA 9+74	12	
28' LT STA 9+78	7	
20' LT STA 9+79	6	
26' LT STA 9+92		18
50' LT STA 9+94	8	
17' LT STA 9+97	6	
40' LT STA 9+98	6	
24' LT STA 9+99	12	
55' LT STA 10+00	6	
43' LT STA 10+02	6	
28' LT STA 10+05	7	
44' LT STA 10+17		24
54' LT STA 10+21	6	
44' LT STA 10+28	8	
53' LT STA 10+42	6	
16' LT STA 10+52		30
18' LT STA 10+58	14	
24' LT STA 10+92	12	
27' LT STA 11+00	6	
32' LT STA 11+18	8	
16' LT STA 11+22	10	
17' LT STA 11+28	10	
22' LT STA 11+39	9	
20' LT STA 11+48	9	
50' RT STA 9+82	7	
55' RT STA 9+94	8	
29' RT STA 9+96	12	
29' RT STA 9+96	12	
29' RT STA 9+97	9	
29' RT STA 9+97	9	
29' RT STA 9+97	9	
53' RT STA 9+98	7	
59' RT STA 9+98	10	
59' RT STA 9+98	10	
55' RT STA 10+04	9	
TOTAL	306	72



PAVEMENT WIDTH TRANSITIONS: SEE SHEET 5 FOR SHOULDER TRANSITIONS.
12' TO 20' STA 8+35 TO STA 9+55
20' TO 12' STA 11+35 TO STA 12+55

PAVEMENT SLOPE TRANSITIONS:
EXISTING SLOPE TO 4.0% STA 8+35 TO STA 8+85
4.0% TO -2.0% RT STA 11+52 TO RT STA 12+43
-4.0% TO -2.0% LT STA 11+52 TO LT STA 11+83
-2.0% TO EXISTING SLOPE STA 12+43 TO STA 12+55

GENERAL NOTES

- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. FERTILIZER NUTRIENTS SHALL BE APPLIED AT A RATIO OF 1:1 AND AT A RATE OF 90 POUNDS PER ACRE PER NUTRIENT. MULCH SHALL BE APPLIED AT A RATE OF 2 TONS PER ACRE.
- SEEDING CLASS 2 (SPECIAL) = 0.5 ACRE
THE AREA OF DISTURBED EARTH SURFACES OUTSIDE THE RIGHT-OF-WAY SHALL BE SEEDED AS DIRECTED BY THE ENGINEER, COST TO CONTRACTOR.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES, MUNICIPALITIES AND FIELD INSPECTION. SEE STANDARD SPECIFICATIONS.
- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT [HTTP://WWW.AGR.STATE.IL.US/EAB](http://www.agr.state.il.us/eab).
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER SEVEN CALENDAR DAYS PRIOR TO OPENING THE ROADWAY TO TRAFFIC SO THAT WARNING SIGNS CAN BE ERECTED ON THE APPROACHES TO THE CURVED ROADWAY. WARNING SIGNS WILL BE ERECTED BY OTHERS.