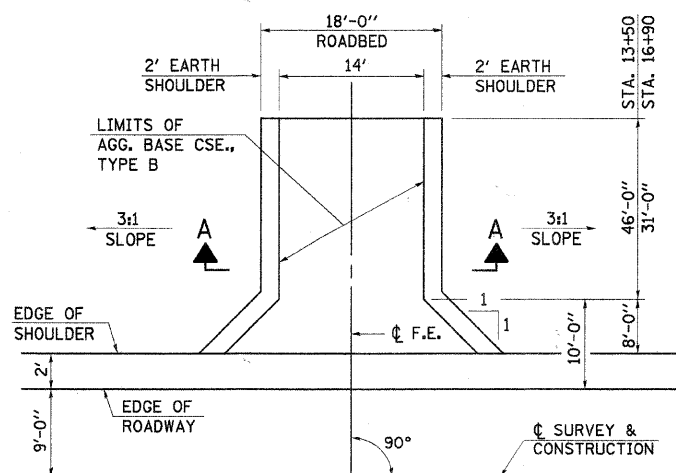


SUMMARY OF QUANTITIES

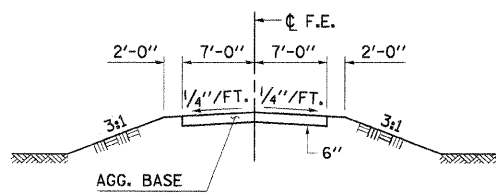
NUMBER	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	274
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	118
20100500	TREE REMOVAL, ACRES	ACRE	0.25
20200100	EARTH EXCAVATION	CU YD	697
20300100	CHANNEL EXCAVATION	CU YD	696
20400800	FURNISHED EXCAVATION	CU YD	2,346
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	98
28000305	TEMPORARY DITCH CHECKS	FOOT	60
28000400	PERIMETER EROSION BARRIER	FOOT	1,522
28000500	INLET AND PIPE PROTECTION	EACH	2
35101400	AGGREGATE BASE COURSE, TYPE B	TON	722
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	42.4
50300280	CONCRETE ENCASEMENT	CU YD	43.7
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	4,266
50800105	REINFORCEMENT BARS	POUND	5,560
50900205	STEEL RAILING, TYPE S1	FOOT	317
51201600	FURNISHING STEEL PILES HP12X53	FOOT	699
51202305	DRIVING PILES	FOOT	699
51203600	TEST PILE STEEL HP12X53	EACH	3
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	44
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	66
67100100	MOBILIZATION	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.7
X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	377
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

*SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS



FIELD ENTRANCE DETAIL

F.E. LT. STA. 13+50
 F.E. LT. STA. 16+90



SECTION A-A

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) = 0.7 ACRE

ALL TREES BETWEEN THE LIMITS SHOWN BELOW WHICH INTERFERE WITH THE CONSTRUCTION SHALL BE REMOVED ONLY AS DIRECTED BY THE ENGINEER.

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

25' LT. STA. 11+47	=	10 UNIT
41' LT. STA. 11+51	=	12 UNIT
32' LT. STA. 11+86	=	8 UNIT
37' LT. STA. 11+86	=	8 UNIT
31' LT. STA. 11+94	=	14 UNIT
42' LT. STA. 12+12	=	8 UNIT
35' LT. STA. 12+33	=	12 UNIT
35' LT. STA. 12+58	=	12 UNIT
32' LT. STA. 12+59	=	10 UNIT
32' LT. STA. 12+71	=	8 UNIT
30' LT. STA. 12+77	=	10 UNIT
32' LT. STA. 12+81	=	6 UNIT
32' LT. STA. 12+81	=	10 UNIT
33' LT. STA. 12+86	=	14 UNIT
29' LT. STA. 13+04	=	8 UNIT
30' LT. STA. 13+20	=	14 UNIT
51' LT. STA. 14+28	=	12 UNIT
57' LT. STA. 14+30	=	10 UNIT
57' LT. STA. 14+30	=	10 UNIT
22' RT. STA. 12+17	=	8 UNIT
20' RT. STA. 12+53	=	14 UNIT
20' RT. STA. 12+53	=	14 UNIT
38' RT. STA. 14+18	=	8 UNIT
39' RT. STA. 14+20	=	12 UNIT
31' RT. STA. 14+42	=	6 UNIT
22' RT. STA. 14+50	=	6 UNIT
37' RT. STA. 14+56	=	10 UNIT
TOTAL	=	274 UNIT

TREE REMOVAL (OVER 15 UNITS DIAMETER)

32' LT. STA. 11+98	=	16 UNIT
32' LT. STA. 12+30	=	18 UNIT
31' LT. STA. 13+35	=	18 UNIT
21' RT. STA. 13+30	=	26 UNIT
35' RT. STA. 13+84	=	40 UNIT
TOTAL	=	118 UNIT

TREE REMOVAL, ACRE

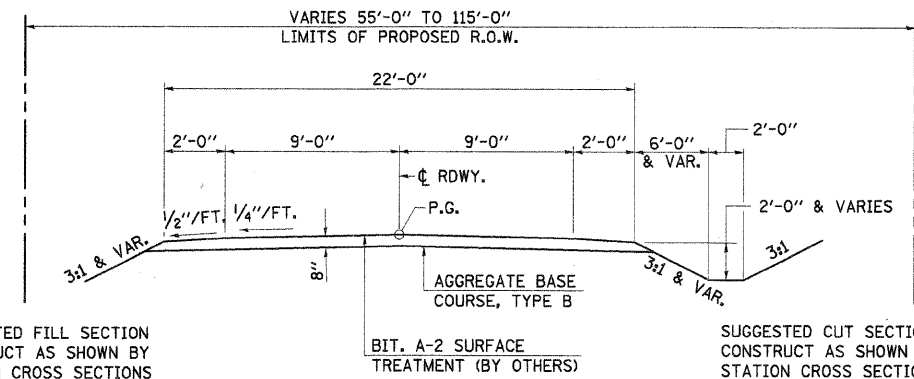
LT. STA. 15+19 TO LT. STA. 17+34
 & RT. STA. 15+85 TO RT. STA. 18+50
 TOTAL = 0.25 ACRE

TEMPORARY DITCH CHECKS

LT. STA. 14+50	=	20 FOOT
LT. STA. 15+50	=	20 FOOT
RT. STA. 15+50	=	20 FOOT
TOTAL	=	60 FOOT

INLET AND PIPE PROTECTION

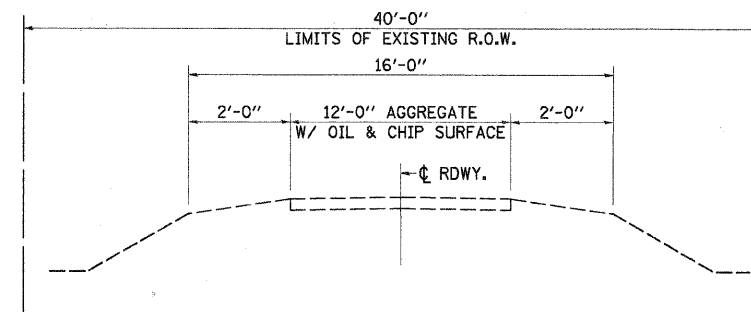
LT. STA. 13+17	=	1 EACH
LT. STA. 17+12	=	1 EACH
TOTAL	=	2 EACH



TYPICAL PROPOSED CROSS SECTION

STA. 11+50 TO STA. 18+00

TRANSITION FROM EXISTING ROADWAY TO PROPOSED ROADWAY TO BE CONSTRUCTED FROM STA. 11+00 TO STA. 11+50 AND FROM STA. 18+00 TO STA. 18+50.



EXISTING TYPICAL CROSS SECTION

APPLICATION RATES USED IN QUANTITY CALCULATIONS

AGGREGATE BASE, COURSE	2.05 TON/CU YD
STONE RIPRAP (SPECIAL)	1.65 TON/CU YD

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	=	98 POUND
PERIMETER EROSION CONTROL BARRIER	=	1,522 FOOT
TEMPORARY DITCH CHECKS	=	60 FOOT
INLET AND PIPE PROTECTION	=	2 EACH

FILE NAME =
 09-455_SUMTYP.DGN

DESIGNED - G.J.C.	REVISED -
DRAWN - S.A.P.	REVISED -
CHECKED - A.L.S.	REVISED -
DATE - 12/22/10	REVISED -

4440 ASH GROVE
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 ENGINEERING AND SCIENCE CONSULTANTS
 FREEPORT, IL ROCKFORD, IL ROCHELLE, IL MONROE, WI SPRINGFIELD, IL

SUMMARY OF QUANTITIES, GENERAL NOTES AND TYPICAL CROSS SECTIONS

SCALE: N/A

PROPOSED STRUCTURE @ STA. 14+90.00

TWP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
56	09-05123-01-BR	DOUGLAS	19	2
GARRETT ROAD DIST. ILLINOIS			CONTRACT NO. 91433	