

SUMMARY OF QUANTITIES

CONSTRUCTION CODE 0011

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	1,007
20300100	CHANNEL EXCAVATION	CU YD	966
20400800	FURNISHED EXCAVATION	CU YD	3,528
20700220	POROUS GRANULAR EMBANKMENT	CU YD	151
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	135
28000305	TEMPORARY DITCH CHECKS	FOOT	180
28000400	PERIMETER EROSION BARRIER	FOOT	1,736
28000500	INLET AND PIPE PROTECTION	EACH	1
* 28100209	STONE RIPRAP, CLASS A5	TON	568
28200200	FILTER FABRIC	SQ YD	512
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1,207
* 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	160
50300225	CONCRETE STRUCTURES	CU YD	30.9
50300255	CONCRETE SUPERSTRUCTURE	CU YD	134.2
50300260	BRIDGE DECK GROOVING	SQ YD	398
50300280	CONCRETE ENCASEMENT	CU YD	8.7
50300300	PROTECTIVE COAT	SQ YD	473
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	1,300
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	37,750
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	256
51201800	FURNISHING STEEL PILES HP14X73	FOOT	960
51202305	DRIVING PILES	FOOT	960
51203800	TEST PILE STEEL HP14X73	EACH	1
51500100	NAME PLATES	EACH	1
52100540	ANCHOR BOLTS, 1 1/2"	EACH	20
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	74
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	71
60801018	FLAP GATE 18"	EACH	1
67100100	MOBILIZATION	L SUM	1
* 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
Δ * 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
* X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.3
* Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	130
* XX004633	FIELD TILE ADJUSTMENT	EACH	2

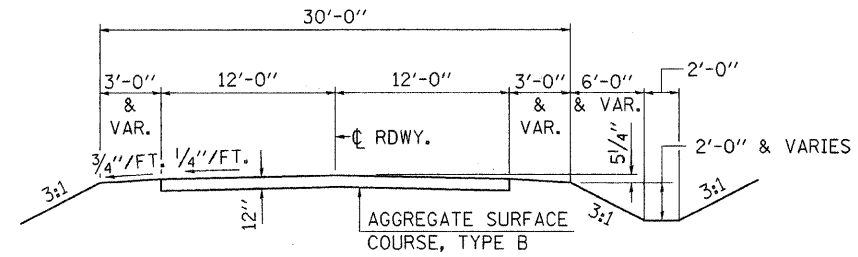
*SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS

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

APPLICATION RATES USED IN QUANTITY CALCULATIONS

AGGREGATE SURFACE COURSE..... 2.05 TON/CU YD
 STONE RIPRAP..... 1.65 TON/CU YD



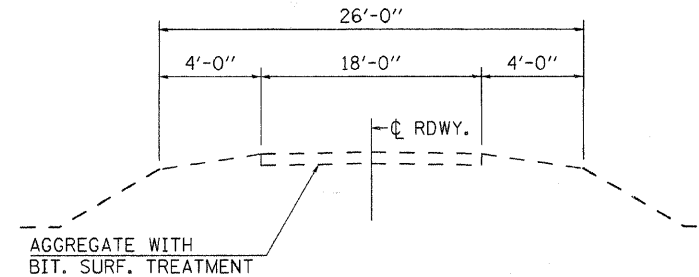
SUGGESTED FILL SECTION
 CONSTRUCT AS SHOWN BY
 STATION CROSS SECTIONS

SUGGESTED CUT SECTION
 CONSTRUCT AS SHOWN BY
 STATION CROSS SECTIONS

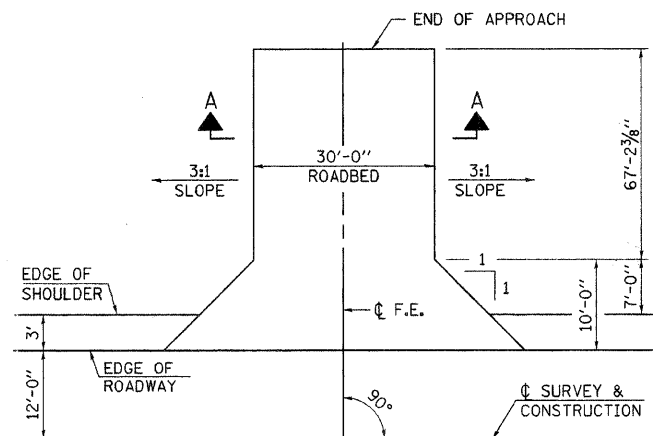
TYPICAL PROPOSED CROSS SECTION

STA. 6+00 TO STA. 8+86 AND
 STA. 10+14 TO STA. 13+00

TRANSITION FROM EXISTING ROADWAY TO PROPOSED ROADWAY
 TO BE CONSTRUCTED FROM STA. 5+50 TO STA. 6+00 AND FROM
 STA. 13+00 TO STA. 13+50.

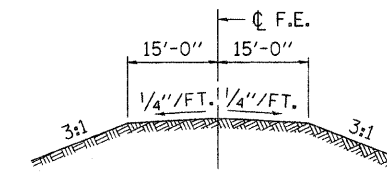


TYPICAL EXISTING CROSS SECTION



FIELD ENTRANCE DETAIL

F.E. LT. STA. 8+50



SECTION A-A

FILE NAME =	DESIGNED - G.J.C.	REVISED -
11-137-SUMTYP.DGN	DRAWN - S.A.P.	REVISED -
	CHECKED -	REVISED -
	DATE - 01/04/12	REVISED -

4440 ASH GROVE	FEHR-GRAHAM & ASSOCIATES, LLC	TWP.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPRINGFIELD, IL. 62711		351	08-22102-01-BR	IROQUOIS	25	2
(217) 793-8600						CONTRACT NO. 87493
www.fehr-graham.com						ILLINOIS PIGEON GROVE ROAD DISTRICT

4440 ASH GROVE
 SPRINGFIELD, IL. 62711
 (217) 793-8600
 www.fehr-graham.com

FEHR-GRAHAM & ASSOCIATES, LLC
 ENGINEERING AND SCIENCE CONSULTANTS
 FREEPORT, IL. ROCKFORD, IL. ROCHELLE, IL. MONROE, WI. SPRINGFIELD, IL.

**SUMMARY OF QUANTITIES, GENERAL NOTES
 AND TYPICAL CROSS SECTIONS**
 PROPOSED STRUCTURE @ STA. 9+50.00

TWP.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	08-22102-01-BR	IROQUOIS	25	2
				CONTRACT NO. 87493
				ILLINOIS PIGEON GROVE ROAD DISTRICT