

SUMMARY OF QUANTITIES

CONSTRUCTION CODE X071-2A

NUMBER	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	491
20300100	CHANNEL EXCAVATION	CU YD	809
20400800	FURNISHED EXCAVATION	CU YD	475
20700220	POROUS GRANULAR EMBANKMENT	CU YD	95
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	62
28000305	TEMPORARY DITCH CHECKS	FOOT	80
28000400	PERIMETER EROSION BARRIER	FOOT	1,167
28000500	INLET AND PIPE PROTECTION	EACH	2
28100209	STONE RIPRAP, CLASS A5	TON	646
28200200	FILTER FABRIC	SQ YD	569
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1007
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	150
50300225	CONCRETE STRUCTURES	CU YD	63.1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	128.9
50300260	BRIDGE DECK GROOVING	SQ YD	414
50300280	CONCRETE ENCASEMENT	CU YD	58.1
50300300	PROTECTIVE COAT	SQ YD	499
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	1,730
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	38,690
50900205	STEEL RAILING, TYPE S1	FOOT	265
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1,320
51202305	DRIVING PILES	FOOT	1,320
51203600	TEST PILE STEEL HP12X53	EACH	2
51500100	NAME PLATES	EACH	1
52100520	ANCHOR BOLTS, 1"	EACH	40
54200229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	146
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	58
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	140
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 1	EACH	1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1

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

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

SEEDING, CLASS 2 (SPECIAL) = 0.5 ACRE

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.

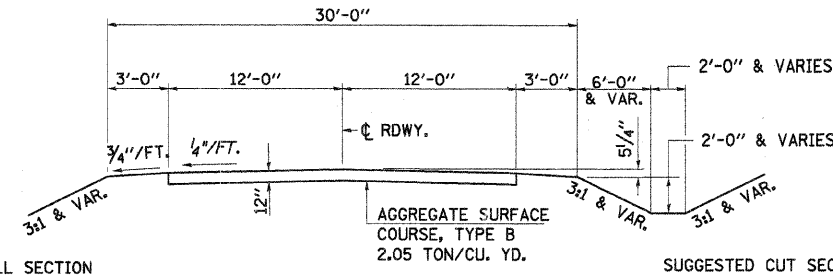
- TEMPORARY EROSION CONTROL SEEDINGS = 62 POUND
- PERIMETER EROSION CONTROL BARRIER = 1,167 FOOT
- TEMPORARY DITCH CHECKS = 80 FOOT
- INLET AND PIPE PROTECTION = 2 EACH

TEMPORARY DITCH CHECKS

- RT. STA. 37+75 = 20 FOOT
- LT. STA. 37+92 = 20 FOOT
- RT. STA. 39+08 = 20 FOOT
- RT. STA. 39+25 = 20 FOOT
- TOTAL = 80 FOOT

INLET AND PIPE PROTECTION

- LT. STA. 36+35 = 1 EACH
- RT. STA. 39+88 = 1 EACH
- TOTAL = 2 EACH



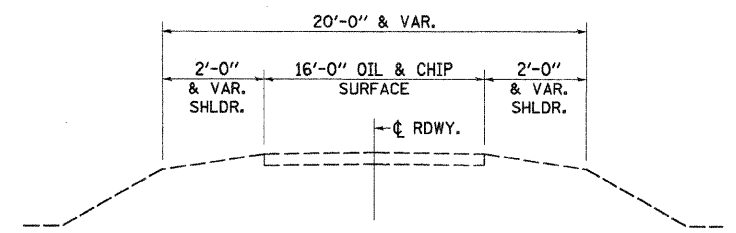
SUGGESTED FILL SECTION
 CONSTRUCT AS SHOWN BY
 STATION CROSS SECTIONS

SUGGESTED CUT SECTION
 CONSTRUCT AS SHOWN BY
 STATION CROSS SECTIONS

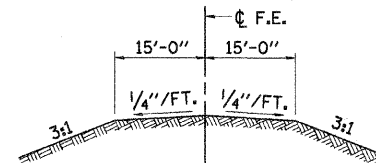
TYPICAL PROPOSED CROSS SECTION

STA. 35+50 TO 41+00

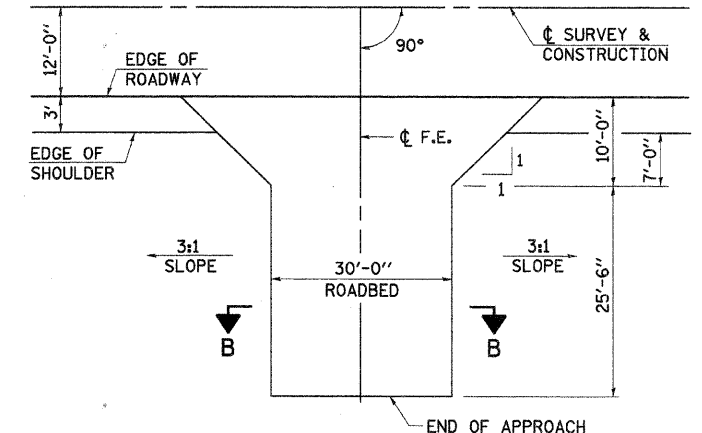
TRANSITION FROM EXISTING ROADWAY TO PROPOSED ROADWAY
 TO BE CONSTRUCTED FROM STA. 35+00 TO STA. 35+50 AND
 FROM STA. 41+00 TO STA. 41+50.



EXISTING TYPICAL CROSS SECTION

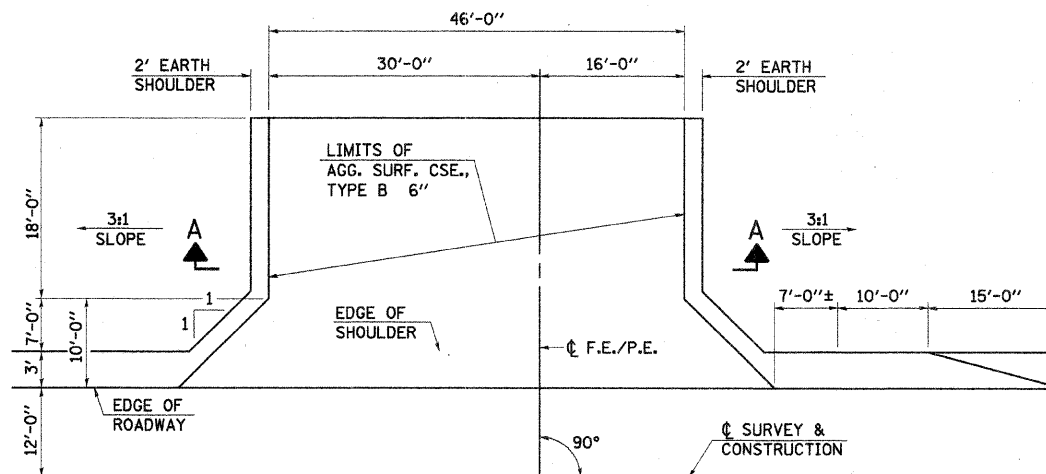


SECTION B-B



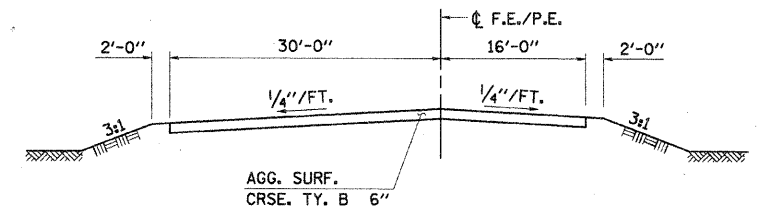
FIELD ENTRANCE DETAIL

F.E. RT. STA. 39+52



FIELD/PRIVATE ENTRANCE DETAIL

F.E./P.E. LT. STA. 36+77



SECTION A-A

FILE NAME =
 48341.SUMTYP.DGN

DESIGNED - G.J.C.
 DRAWN - S.A.P.
 CHECKED - R.J.C.
 DATE - 12/04/09

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. 38+50

TWP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
244	04-16101-02-BR	IROQUOIS	24	2
ILLINOIS			CONTRACT NO. 87445	
			MARTINTON ROAD DISTRICT	