

### SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	170
20300100	CHANNEL EXCAVATION	CU YD	450
① 20400800	FURNISHED EXCAVATION	CU YD	700
① 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.6
① 28000300	TEMPORARY DITCH CHECKS	EACH	5
28000400	PERIMETER EROSION BARRIER	FOOT	210
28100209	STONE RIPRAP, CLASS A5	TON	590
28200200	FILTER FABRIC	SQ YD	570
① 40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	713
① 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	130
50300225	CONCRETE STRUCTURES	CU YD	125.6
50300280	CONCRETE ENCASEMENT	CU YD	7.8
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	2,678
① 50800105	REINFORCEMENT BARS	POUND	10,910
50900205	STEEL RAILING, TYPE S1	FOOT	184
51201005	FURNISHING METAL SHELL PILES 12"	FOOT	1,065
51202305	DRIVING PILES	FOOT	1,065
51203200	TEST PILE METAL SHELLS	EACH	2
51500100	NAME PLATES	EACH	1
① 67100100	MOBILIZATION	L SUM	1
① 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
① X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION-LOCATION 1	EACH	1
① X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION-LOCATION 2	EACH	1

① SEE SPECIAL PROVISIONS

CONSTRUCTION CODE TYPE: X080

### EARTHWORK SUMMARY

STATION TO STATION	EARTH EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION	FILL	WASTE (SHORTAGE)
	CU YD	CU YD	CU YD	CU YD	CU YD
RDWY 57+40.00 - 59+44.21	104			353	(275)
RDWY 60+35.79 - 62+40.00	66			475	(426)
CHANNEL		452			
STRUCTURE			130		
TOTAL	170	452	130	828	(701)
USE	170	450	130	-	(700)

(25% SHRINKAGE)

### AGGREGATE SURFACE COURSE, TYPE B

STATION TO STATION	WIDTH	LENGTH	TON
57+40.00 - 57+90.00	20.3' AVG.	50.00'	71
57+90.00 - 59+44.21	25.00'	154.21'	270
ABUTMENT BACKFILL-SEE SPECIAL PROVISIONS			30
60+35.79 - 61+90.00	25.00'	154.21'	270
61+90.00 - 62+40.00	20.5' AVG.	50.00'	72
TOTAL			713

### GENERAL NOTES

THE REMOVAL OF EXISTING OIL & CHIP SURFACE AND GRAVEL OR CRUSHED STONE BASE COURSE WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF THE NEW BRIDGE SHALL BE REMOVED AS EARTH EXCAVATION AND NO COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

ALL WASTE OR UNDESIRABLE MATERIAL AS IDENTIFIED BY THE ENGINEER SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE SAID UTILITY ADJUSTMENTS.

THE PROFILE GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND IN THE STATION CROSS SECTIONS ARE TO THE TOP OF THE FINISHED SURFACE.

ALL EXISTING DRAINAGE STRUCTURES NOT BEING REMOVED BY THE CONTRACTOR THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLES 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

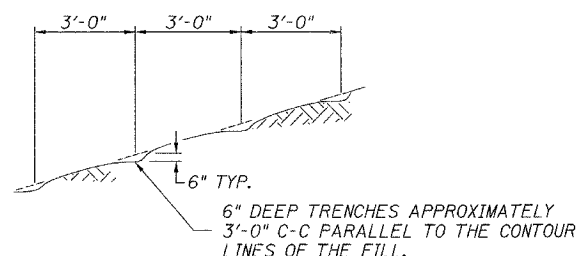
ALL ELEVATIONS SHOWN REFER TO AN ASSUMED DATUM.

### PERIMETER EROSION BARRIER

STATION TO STATION	SIDE	FOOT
57+40 - 58+50	LEFT	115
61+50 - 62+40	LEFT	95
TOTAL		210

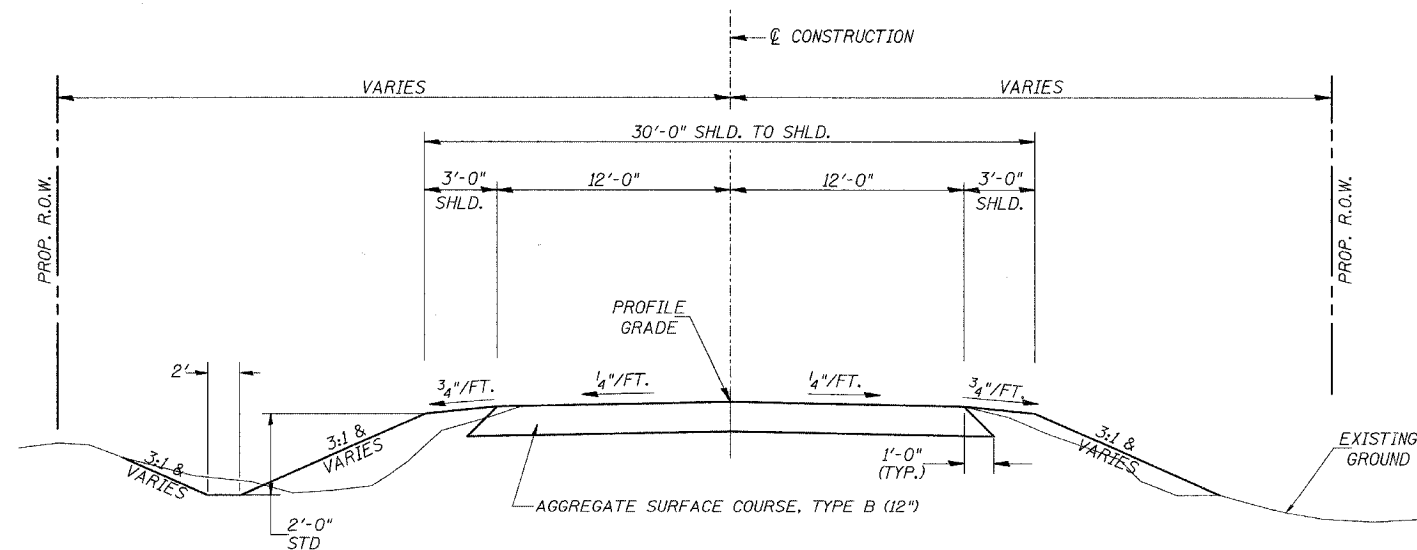
### TEMPORARY DITCH CHECKS

STATION	SIDE	EACH
58+45	RIGHT	1
59+35	LEFT	1
59+50	RIGHT	1
60+25	LEFT	1
60+50	RIGHT	1
TOTAL		5



NOTE: ALL SLOPES 3:1 OR STEEPER AND GREATER THAN 5' IN HEIGHT SHALL BE CONTOUR PLOWED AS SHOWN IN DETAIL. COST SHALL BE INCLUDED WITH SEEDING, CLASS 2 (SPECIAL).

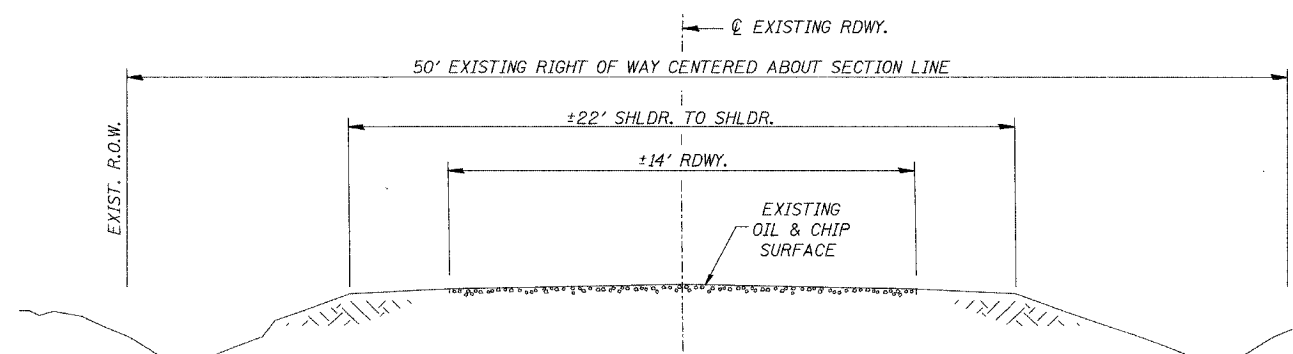
### DETAIL OF CONTOUR PLOWING



### PROPOSED TYPICAL SECTION

STA. 57+40.00 TO STA. 59+44.21  
STA. 60+35.79 TO STA. 62+40.00  
EXCEPT TRANSITIONS

BRIDGE OMISSION  
STA. 59+44.21 TO STA. 60+35.79



### EXISTING TYPICAL SECTION