

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 3		MARSHALL/ BUREAU	14	2
ROAD DIST.		ILLINOIS	SARATOGA/MILO	
*05-10116-00-BR 08-16114-00-BR			CONTRACT NO. 89398	

SUMMARY OF QUANTITIES

X081-2A

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	496
20300100	CHANNEL EXCAVATION	CU YD	100
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	42
28000300	TEMPORARY DITCH CHECKS	EACH	14
28000400	PERIMETER EROSION BARRIER	FOOT	1,040
28000500	INLET AND PIPE PROTECTION	EACH	2
28101700	RIPRAP, SPECIAL	TON	159
28102600	STONE RIPRAP DITCH	TON	228
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	515
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	261
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	1,044
40300500	COVER COAT, AGGREGATE	TON	19
40300600	SEAL COAT, AGGREGATE	TON	13
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	19.4
50300280	CONCRETE ENCASEMENT	CU YD	2.8
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	2,161
50800105	REINFORCEMENT BARS	POUND	2,480
50900205	STEEL RAILING, TYPE S1	FOOT	160
51201600	FURNISHING STEEL PILES HP12X53	FOOT	285
51202305	DRIVING PILES	FOOT	285
51203600	TEST PILE STEEL HP12X53	EACH	2
51500100	NAME PLATES	EACH	1
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	76
67100100	MOBILIZATION	L SUM	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4

*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 SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY, AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.4 ACRE

TEMPORARY EROSION CONTROL

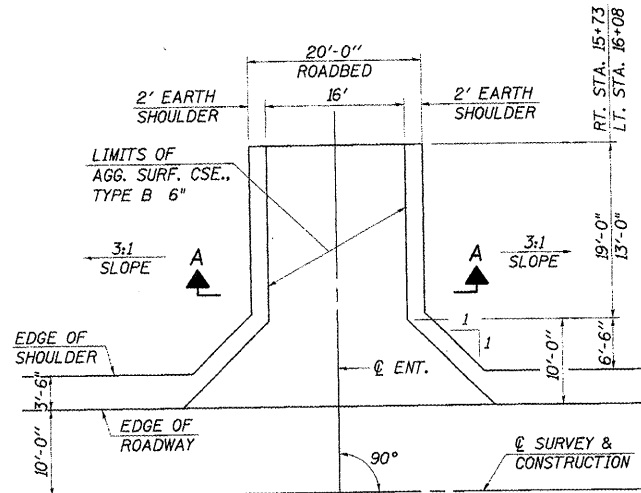
THE FOLLOWING QUANTITIES ARE ESTIMATES ONLY. ACTUAL QUANTITIES FOR EROSION CONTROL WILL BE DETERMINED BY THE ENGINEER IN THE FIELD AND THERE WILL BE NO ADJUSTMENT IN ANY UNIT PRICE DUE TO A CHANGE IN PLAN QUANTITY.

- PERIMETER EROSION BARRIER = 1,040 FOOT
- TEMPORARY EROSION CONTROL SEEDING = 42 POUND
- TEMPORARY DITCH CHECKS = 14 EACH
- INLET AND PIPE PROTECTION = 2 EACH

APPLICATION RATES USED IN QUANTITY CALCULATIONS

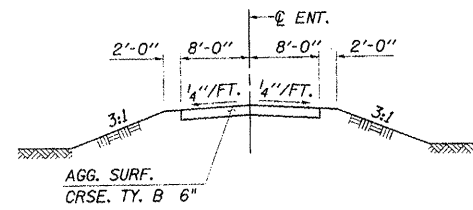
BITUMINOUS MATERIALS (PRIME COAT)	0.25 GAL./SQ. YD.
(COVER COAT)	0.35 GAL./SQ. YD.
(SEAL COAT)	0.30 GAL./SQ. YD.
COVER COAT AGGREGATE	18 LB./SQ. YD.
SEAL COAT AGGREGATE	25 LB./SQ. YD.
AGGREGATE BASE AND SURFACE COURSE	2.05 TON/CU. YD.
RIPRAP, SPECIAL & STONE RIPRAP DITCH	1.65 TON/CU. YD.

NOTE: THE ABOVE NOTED APPLICATION RATE FOR BITUMINOUS MATERIALS (PRIME COAT) ARE FOR QUANTITY CALCULATIONS ONLY. THE APPLICATION RATE TO BE APPLIED WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF PLACEMENT.



FIELD ENTRANCE DETAIL

F.E. RT. STA. 15+73
F.E. LT. STA. 16+08



SECTION A-A

EROSION CONTROL

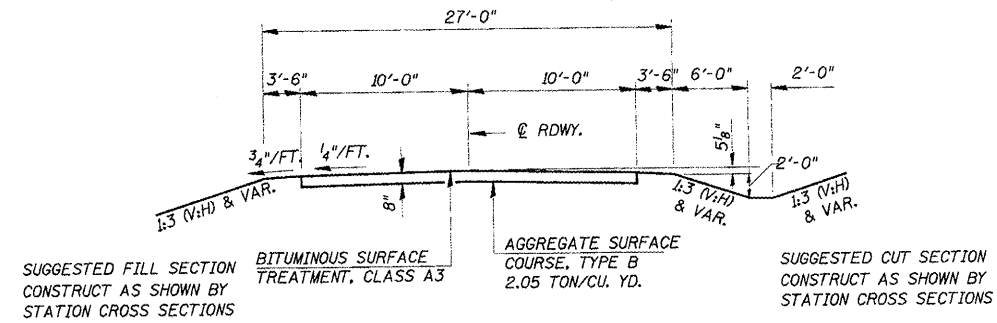
LOCATION	SEEDING, CLASS 2 (SPECIAL)	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER
	ACRE	POUND	FOOT
LT. STA. 11+50 TO LT. STA. 14+65	0.13	13	344
RT. STA. 11+50 TO RT. STA. 14+65	0.14	14	344
LT. STA. 15+45 TO LT. STA. 17+00	0.06	7	173
RT. STA. 15+45 TO RT. STA. 17+00	0.07	8	179
TOTAL	0.4	42	1040

TEMPORARY DITCH CHECKS

LT. & RT. STA. 11+75	= 2
LT. & RT. STA. 12+00	= 2
LT. & RT. STA. 13+00	= 2
LT. STA. 14+00	= 1
LT. STA. 15+50	= 1
LT. STA. 15+75	= 1
RT. STA. 16+25	= 1
RT. & LT. STA. 16+50	= 2
LT. & RT. STA. 16+75	= 2
TOTAL	= 14

INLET AND PIPE PROTECTION

RT. STA. 15+93	= 1
LT. STA. 16+28	= 1
TOTAL	= 2

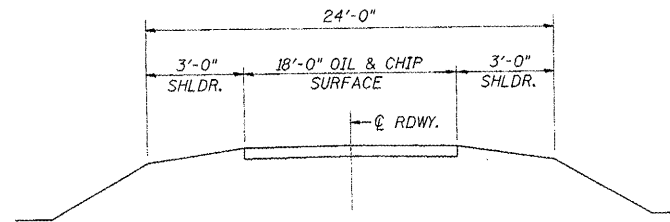


TYPICAL PROPOSED CROSS SECTION

STA. 12+00 TO STA. 16+50

ROAD CLASSIFICATION: LOCAL ROAD ADT 0-250
CURRENT ADT 125

TRANSITION FROM EXISTING ROADWAY TO PROPOSED ROADWAY TO BE CONSTRUCTED FROM STA. 11+50 TO STA. 12+00 AND FROM STA. 16+50 TO STA. 17+00.



EXISTING TYPICAL CROSS SECTION

ROADWAY SCHEDULE

LOCATION	AGG. SURF. COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	BIT. MATERIALS (COVER AND SEAL COATS)	COVER COAT AGGREGATE	SEAL COAT AGGREGATE
	TON	GALLON	GALLON	TON	TON
STA. 11+50 TO STA. 14+65	319	175	700	13	9
STA. 15+45 TO STA. 17+00	157	86	344	6	4
ENTRANCES	39				
TOTAL	515	261	1044	19	13

SUMMARY OF QUANTITIES, GENERAL NOTES AND TYPICAL CROSS SECTION
SARATOGA - MILO ROAD DISTRICTS
SECTIONS 05-10116-00-BR & 08-16114-00-BR
MARSHALL - BUREAU COUNTIES
STATION 15+05