

SUMMARY OF QUANTITIES

X081-2A

NUMBER	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	711
20300100	CHANNEL EXCAVATION	CU YD	280
20400800	FURNISHED EXCAVATION	CU YD	1516
20800150	TRENCH BACKFILL	CU YD	6
25000200	SEEDING, CLASS 2	ACRE	0.9
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	81
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	81
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	81
25100115	MULCH, METHOD 2	ACRE	0.9
28000250	TEMPORARY EROSION CONTROL SEEDINGS	POUND	300
28000300	TEMPORARY DITCH CHECKS	EACH	4
28000400	PERIMETER EROSION BARRIER	FOOT	1075
28000500	INLET AND PIPE PROTECTION	EACH	4
28100207	STONE RIPRAP, CLASS A4	TON	208
28200200	FILTER FABRIC	SQ YD	262
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	783
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	40
50300225	CONCRETE STRUCTURES	CU YD	27.2
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	1872
50800105	REINFORCEMENT BARS	POUND	3140
50900205	STEEL RAILING, TYPE S1	FOOT	156
51201600	FURNISHING STEEL PILES HP12X53	FOOT	280
51202700	DRIVING STEEL PILES	FOOT	280
51203600	TEST PILE STEEL HP12X53	EACH	2
51204315	CONCRETE ENCASEMENT	CU YD	5.5
51500100	NAME PLATES	EACH	1
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	36
54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	34
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	168
60103300	PIPE DRAINS, CORRUGATED STEEL 8"	FOOT	15
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2
67100100	MOBILIZATION	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4

*SEE SPECIAL PROVISIONS

GENERAL NOTES

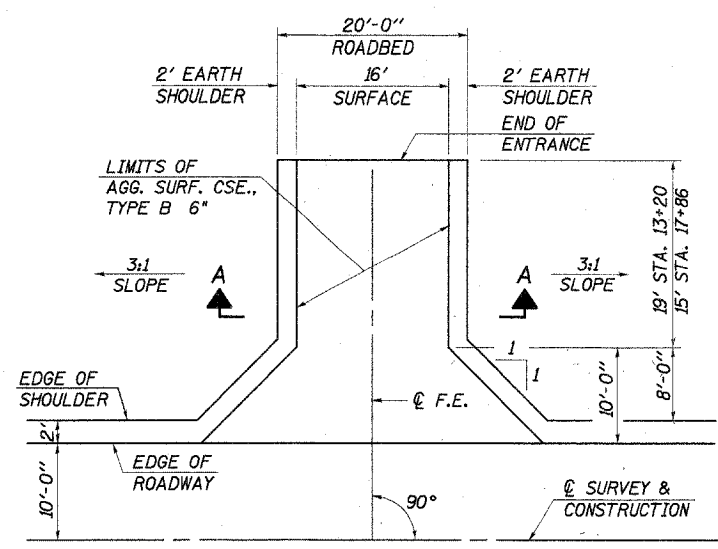
WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

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

ESTIMATED QUANTITIES

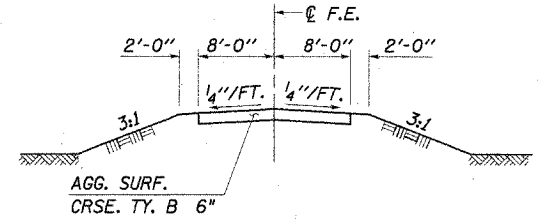
ITEM	RATE OF APPLICATION	QUANTITIES
SEEDING, CLASS 2		0.9 ACRE
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE	81 POUNDS
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE	81 POUNDS
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE	81 POUNDS
MULCH METHOD 2	2 TON / ACRE	0.9 ACRE

THE SEEDING MIXTURE USED SHALL CONFORM TO ROADSIDE MIXTURE TYPE 2, EXCEPT DURING THE PERIOD BETWEEN NOVEMBER 1 AND DECEMBER 31. THE CONTRACTOR SHALL SUBSTITUTE 25 POUNDS OF PERENNIAL RYE FOR 48 POUNDS OF OATS, SPRING.

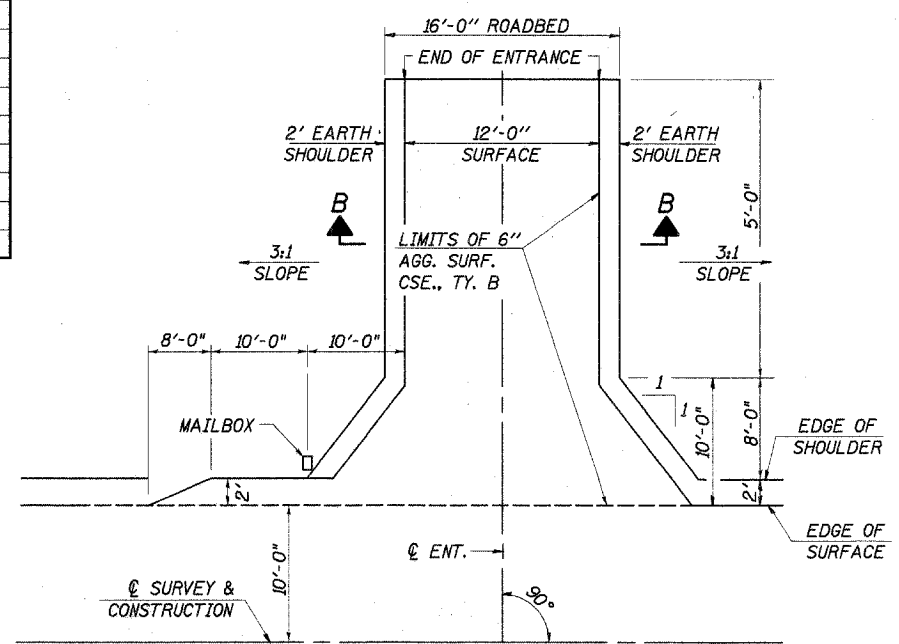


FIELD ENTRANCE DETAIL

F.E. RT. STA. 13+20
F.E. LT. STA. 17+86

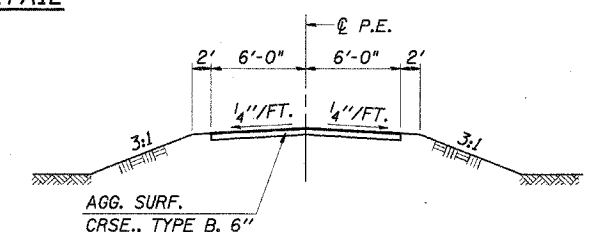


SECTION A-A

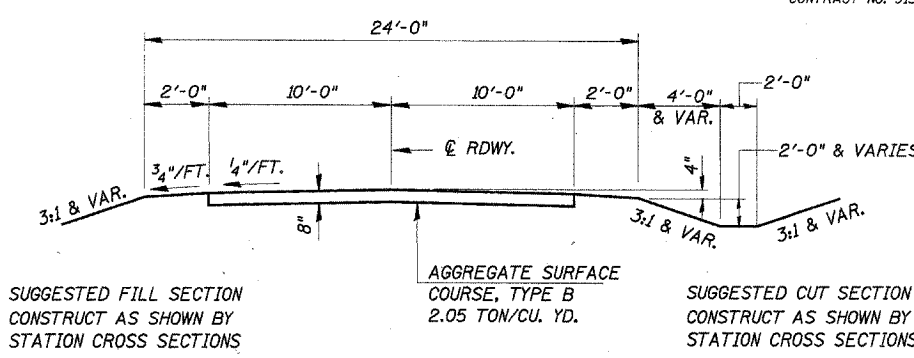


PRIVATE ENTRANCE W/ MAILBOX TURNOUT DETAIL

LT. STA. 12+56



SECTION B-B

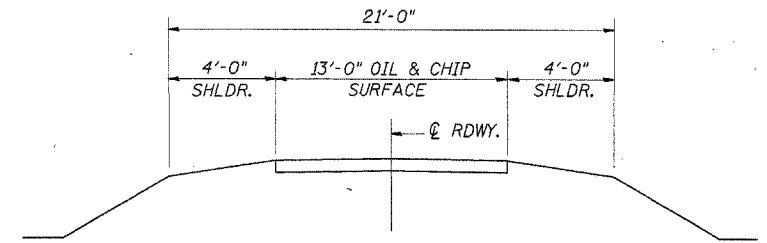


TYPICAL PROPOSED CROSS SECTION

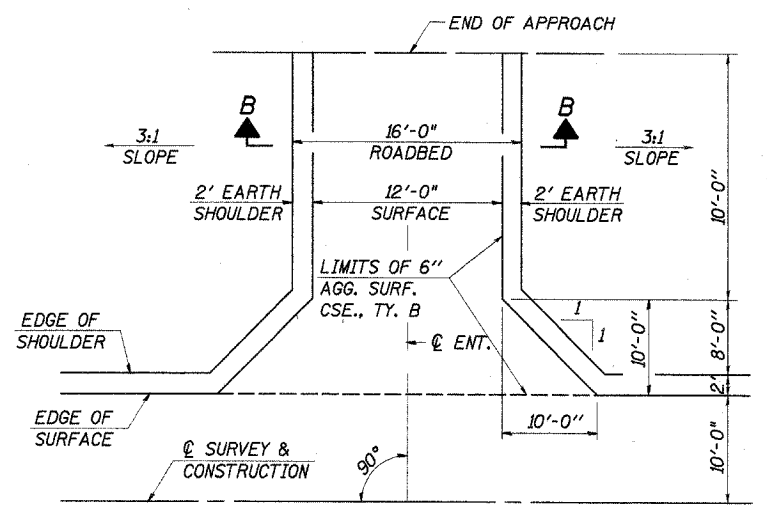
STA. 12+50 TO STA. 18+60

ROAD CLASSIFICATION: LOCAL ROAD ADT 0-250
CURRENT ADT LESS THAN 150

TRANSITION FROM EXISTING ROADWAY TO PROPOSED ROADWAY TO BE CONSTRUCTED FROM STA. 11+50 TO STA. 12+50 AND FROM STA. 18+60 TO STA. 19+60.



EXISTING TYPICAL CROSS SECTION



PRIVATE ENTRANCE DETAIL

LT. STA. 13+10

SUMMARY OF QUANTITIES, GENERAL NOTES AND TYPICAL CROSS SECTION
SECTION 03-01123-00-BR
ASH GROVE ROAD DISTRICT
SHELBY COUNTY
STATION 15+00

4440 ASH GROVE
SPRINGFIELD, IL 62711
(217) 793-8600
oasinc@famvid.com

OZYURT AND STONE, INC.
CONSULTING ENGINEERS

JOB NO.: 0322
FILE: 0322TYP.DWG
DATE: 07/12/05