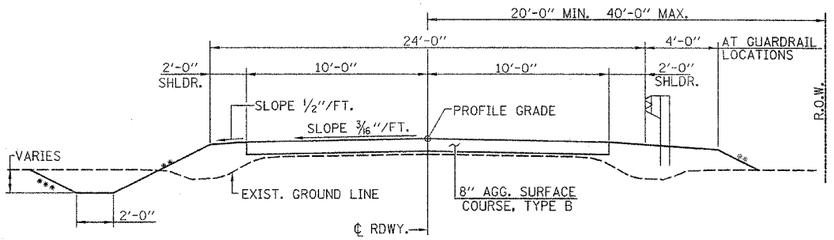
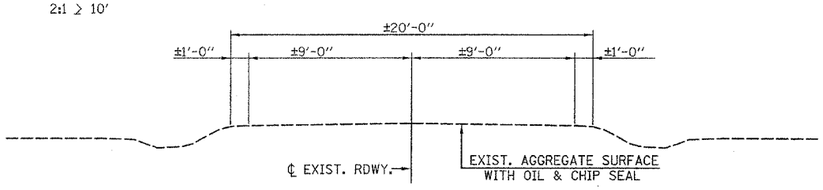
CONTRACT NO. 95520

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335A	06-15129-00-BR	SHELBY	11	2
STA. 20+00	TO STA. 25+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

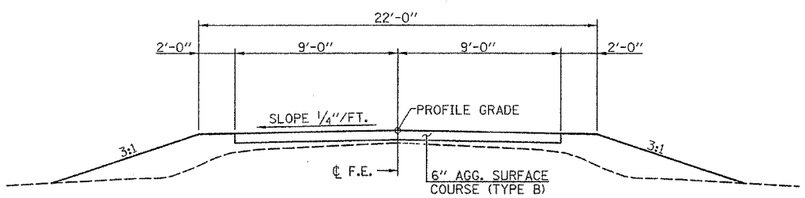


** 3:1 < 6'
2:1 ≥ 6'
*** 3:1 < 10'
2:1 ≥ 10'

PROPOSED CROSS SECTION

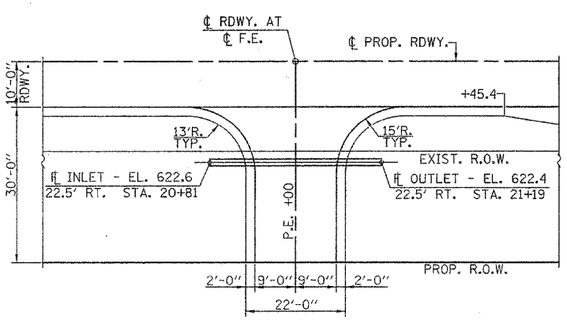


EXISTING CROSS SECTION



TYPICAL PRIVATE & FIELD ENTRANCE

(F.E. STA. 21+00 LT. - 24 TON)
(P.E. STA. 23+93 LT. - 96 TON)
(P.E. STA. 24+73 LT. - 21 TON)



PLAN

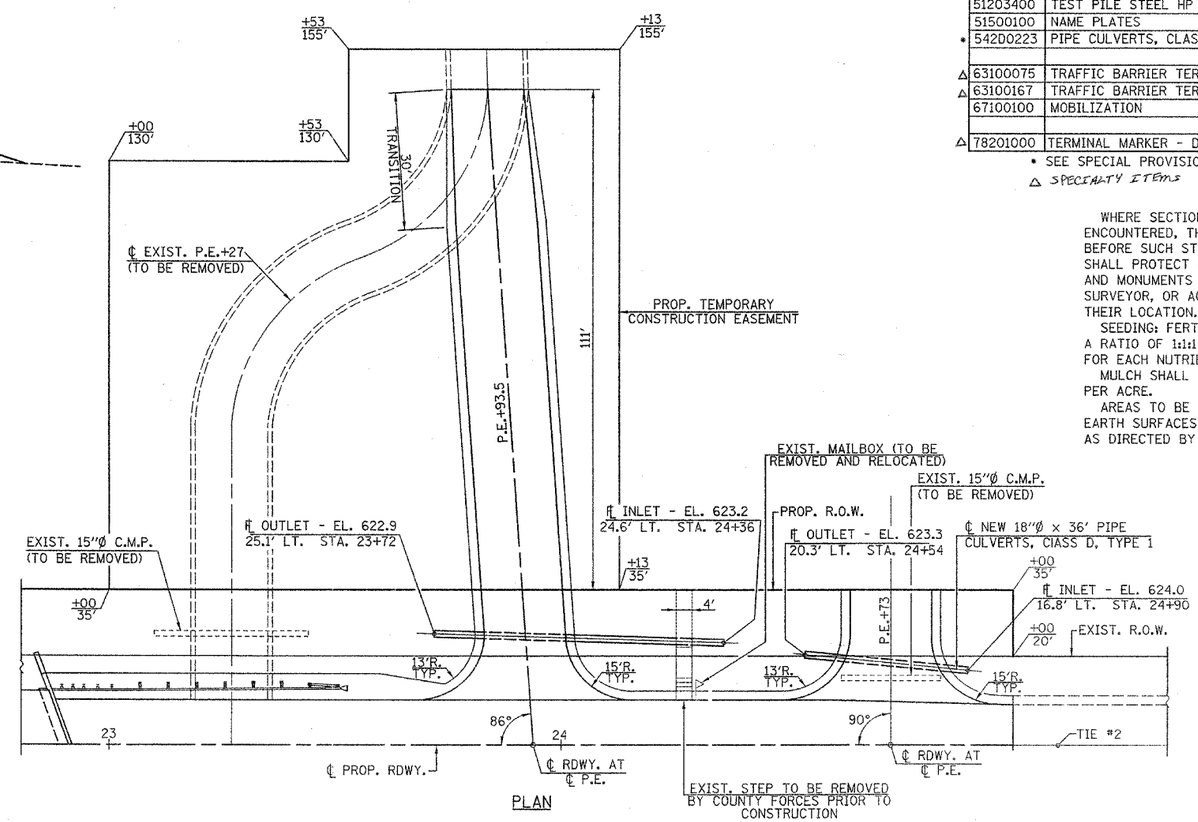
(FIELD ENTRANCE - STA. 21+00 RT.)

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 20+00 TO STA. 21+00	39	29	39	-10
STA. 21+00 TO STA. 22+00	59	44	171	-127
STA. 22+00 TO STA. 22+38.25	33	25	95	-70
BRIDGE OMISSION - STA. 22+38.25 TO STA. 22+91.75	-	-	-	-
STA. 22+91.75 TO STA. 23+00	3	2	25	-23
STA. 23+00 TO STA. 23+50	19	14	138	-124
STA. 23+50 TO STA. 24+00	30	23	130	-107
STA. 24+00 TO STA. 25+00	61	46	74	-28
Total	244	183	672	-489

SCHEDULE
SIDEWALK REMOVAL

LOCATION	QUANTITY (SQ. FT.)
STA. 24+27 15' LT. TO 35' LT.	70
TOTAL	70



PLAN

SUMMARY OF QUANTITIES

		ITEM	UNIT	QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	26
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	32
	20200100	EARTH EXCAVATION	CU. YD.	244
	20300100	CHANNEL EXCAVATION	CU. YD.	214
	20400800	FURNISHED EXCAVATION	CU. YD.	489
*	25000200	SEEDING, CLASS 2	ACRE	0.8
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72
*	25100115	MULCH, METHOD 2	ACRE	0.8
*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
	28000300	TEMPORARY DITCH CHECKS	EACH	3
	28000500	INLET AND PIPE PROTECTION	EACH	3
	28100207	STONE RIPRAP, CLASS A4	TON	305
	28200200	FILTER FABRIC	SQ. YD.	435
*	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	591
	44000600	SIDEWALK REMOVAL	SQ. FT.	70
*	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
	50200100	STRUCTURE EXCAVATION	CU. YD.	85
	50300225	CONCRETE STRUCTURES	CU. YD.	27.8
	50300280	CONCRETE ENCASEMENT	CU. YD.	2.8
	50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ. FT.	1250
	50800105	REINFORCEMENT BARS	POUND	2745
	50900205	STEEL RAILING, TYPE S1	FOOT	107
	51201400	FURNISHING STEEL PILES HP 10X42	FOOT	189
	51202305	DRIVING PILES	FOOT	189
	51203400	TEST PILE STEEL HP 10X42	EACH	1
	51500100	NAME PLATES	EACH	1
*	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	138
△	63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
△	63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2
	67100100	MOBILIZATION	L. SUM	1
△	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4

* SEE SPECIAL PROVISIONS
△ SPECIALTY ITEMS

GENERAL NOTES

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

SEEDING: FERTILIZER NUTRIENTS SHALL BE APPLIED AT A RATIO OF 1:1:1 AND AT A RATE OF 90 POUNDS PER ACRE FOR EACH NUTRIENT.

MULCH SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE.

AREAS TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AND EASEMENT AS DIRECTED BY THE ENGINEER.

SUMMARY OF QUANTITIES, SCHEDULES, DETAILS AND TYPICAL SECTIONS
T.R. 335A OVER BRUSH CREEK
SECTION 06-15129-00-BR
SHELBY COUNTY

PLOT DATE = $DATE$
FILE NAME = $FILEL$