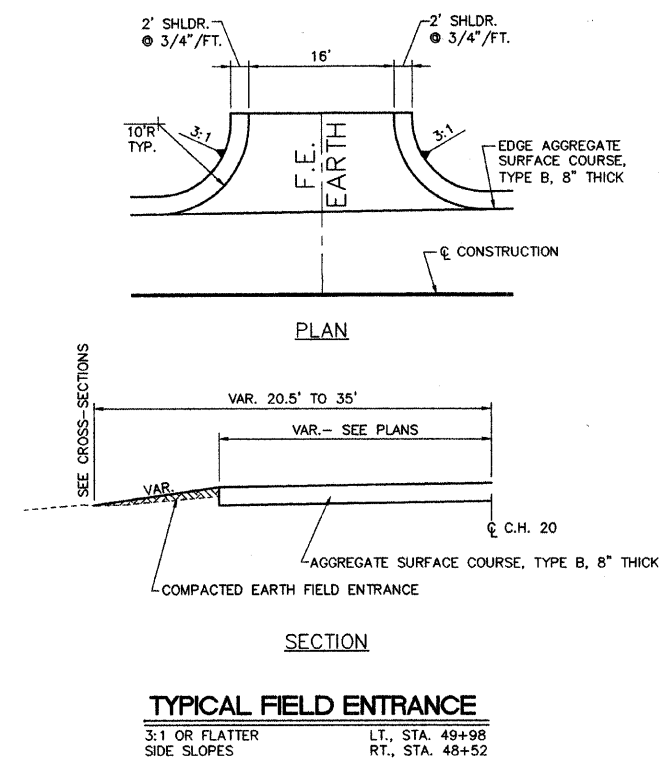
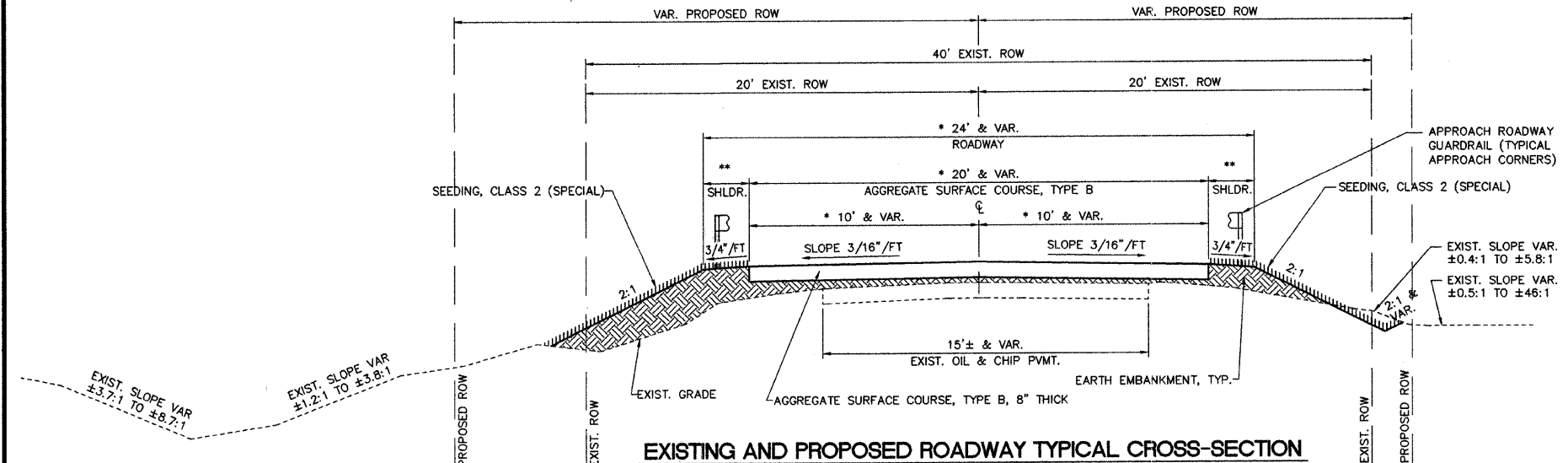


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 20	05-00125-00-BR	MARION	13	2
FEDERAL AID PROJECT:		ILLINOIS	PROJECT	

CONTRACT NO. 97332



**TYPICAL FIELD ENTRANCE**  
 3:1 OR FLATTER SIDE SLOPES  
 LT., STA. 49+98  
 RT., STA. 48+52



**EXISTING AND PROPOSED ROADWAY TYPICAL CROSS-SECTION**

- \* TRANSITION FROM 18' EXISTING TO 20' PROPOSED PAVEMENT STA. 47+89.23 TO STA. 49+64.23
  - \* 20' PROPOSED PAVEMENT STA. 49+64.23 TO THE BRIDGE AND FROM THE BRIDGE TO STA. 50+35.77.
  - \* TRANSITION FROM 20' PROPOSED TO 14' EXISTING PAVEMENT STA. 50+35.77 TO STA. 50+85.77
  - \*\* 2' EARTH SHOULDER ON DEPARTURE CORNERS.
- VARIABLE WIDTH EARTH SHOULDER ON APPROACH CORNERS-- WIDENING FOR TRAFFIC BARRIER TERMINALS PER IDOT STANDARDS LISTED ON COVER SHEET.  
 (5'-9 1/2" ADJACENT TO TBT TY 5A; 6'-0" ADJACENT TO TBT TY 1, SPECIAL; AND 2' AT ENDS OF SHOULDER WORK)

**EXTRA BARS FOR TEST SAMPLES**

BAR NO.	SIZE	LENGTH	SHAPE
s 1	#4	9'-5"	□
u 1	#6	11'-1"	▭
p 1	#7	24'-9"	—

THESE BARS SHALL BE IDENTICAL TO AND DELIVERED WITH THE BARS OF THE SAME MARK LISTED ON THE BRIDGE SHEETS. ONE BAR OF EACH OF THESE MARKS WILL BE SELECTED BY THE ENGINEER TO BE USED AS A TEST SAMPLE. THIS CHART ASSUMES THAT ALL BARS OF THE SAME SIZE ON THE JOB WILL HAVE THE SAME HEAT NUMBERS. IF BARS OF THE SAME SIZE ON THE JOB HAVE DIFFERENT HEAT NUMBERS, THEN THE CONTRACTOR SHALL SUPPLY ADDITIONAL BARS FROM OTHER HEAT NUMBERS FOR SAMPLING BY THE ENGINEER AT NO ADDITIONAL COST.

THE COST TO FURNISH THESE EXTRA BARS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER POUND FOR REINFORCEMENT BARS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**GENERAL NOTES**

1. THIS SECTION SHALL BE CONSTRUCTED ACCORDING TO THE PLANS, THE SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007.
2. THE SHRINKAGE FACTOR FOR EMBANKMENT IS 25%.
3. EXCEPT FOR TREE REMOVAL AS SHOWN ON PLANS, ALL CLEARING AND GRUBBING IS TO BE INCLUDED IN THE UNIT PRICE BID FOR EARTH EXCAVATION.
4. BITUMINOUS SURFACE TREATMENT (A-2) WILL BE COMPLETED BY THE OWNER.

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	QUANTITY	UNIT
20100110	TREE REMOVAL (6-15 UNITS DIAMETER)	8	UNIT
20200100	EARTH EXCAVATION	60	CU. YD.
20300100	CHANNEL EXCAVATION	195	CU. YD.
20400800	FURNISHED EXCAVATION	171	CU. YD.
25001000	SEEDING, CLASS 2 (SPECIAL)	0.1	ACRE
28000300	TEMPORARY DITCH CHECKS	2	EACH
28100807	STONE DUMPED RIPRAP, CLASS A4	130	TON
40200800	AGGREGATE SURFACE COURSE, TYPE B	213	TON
50100100	REMOVAL OF EXISTING STRUCTURES	1	EACH
50105220	PIPE CULVERT REMOVAL	12	FOOT
50300225	CONCRETE STRUCTURES	18.2	CU. YD.
50300280	CONCRETE ENCASMENT	0.8	CU. YD.
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	1440	SQ. FT.
50800105	REINFORCEMENT BARS	2300	POUND
50900205	STEEL RAILING, TYPE S1	120	FOOT
51201300	FURNISHING STEEL PILES HP8x36	141	FOOT
51202305	DRIVING PILES	69	FOOT
51203300	TEST PILE STEEL HP8x36	1	EACH
51500100	NAME PLATES	1	EACH
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	32	FOOT
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	2	EACH
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	2	EACH
66503400	BARBED WIRE FENCE REMOVAL	100	FOOT
67100100	MOBILIZATION	1	L. SUM
* 78201000	TERMINAL MARKER - DIRECT APPLIED	4	EACH
Z0065000	SETTING PILES IN ROCK	4	EACH

\* SPECIALTY ITEM

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 IL Design Firm Reg. No. 184-001518

**COUNTY HIGHWAY 20 (BEE BRANCH ROAD)**  
**SECTION 05-00125-00-BR**  
**MARION COUNTY, ILLINOIS**

**TYPICAL CROSS SECTION,**  
**GENERAL NOTES AND**  
**SUMMARY OF QUANTITIES**

SURVEY	JAS	CHECKED	DATE
DESIGN	MRQ/DJC	APPROVED	1/28/08
DRAWN	JSD, BLT		REVISED
			JOB NO. 30482