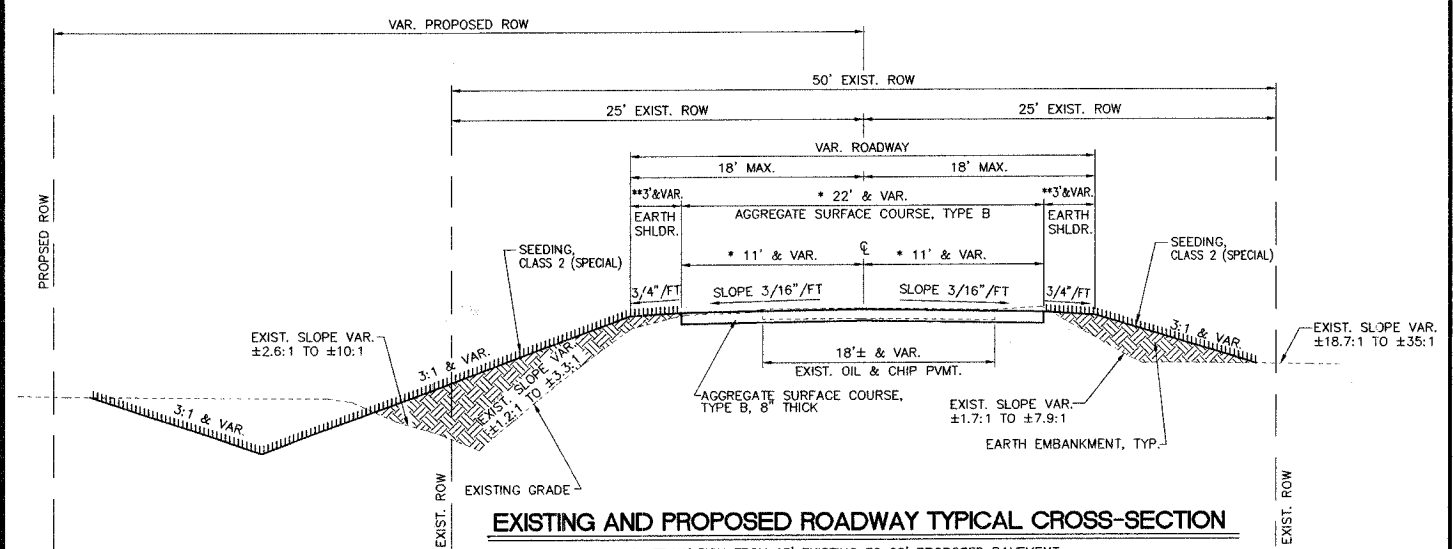


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 20	05-00124-00-BR	MARION	12	2
FEDERAL AID PROJECT		ILLINOIS	PROJECT	
CONTRACT NO. 97321				

**EXTRA BARS FOR TEST SAMPLES**

BAR	NO.	SIZE	LENGTH	SHAPE
s	1	#4	9'-5"	□
u	1	#6	11'-1"	▭
p	1	#7	30'-8"	—

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.



- \* TRANSITION FROM 18' EXISTING TO 22' PROPOSED PAVEMENT STA. 49+09.17 TO STA. 49+59.17
- \* TRANSITION FROM 22' PROPOSED TO 18' EXISTING PAVEMENT STA. 50+40.83 TO STA. 50+90.83
- \* 22' PROPOSED PAVEMENT: STA. 49+59.17 TO STA. 49+69.17 AND FROM STA. 50+30.83 TO STA. 50+40.83
- \*\* 3' EARTH SHOULDER ON DEPARTURE CORNERS. VARIABLE WIDTH WIDTH EARTH SHOULDER ON APPROACH CORNERS (WIDENING FOR TRAFFIC BARRIER TERMINALS PER IDOT STANDARDS LISTED ON COVER SHEET).

**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 TO 15 UNITS DIAMETER)	46	UNIT
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	40	UNIT
20100500	TREE REMOVAL, ACRES	0.01	ACRE
20200100	EARTH EXCAVATION	132	CU. YD.
20300100	CHANNEL EXCAVATION	308	CU. YD.
20400800	FURNISHED EXCAVATION	85	CU. YD.
25001000	SEEDING, CLASS 2 (SPECIAL)	0.19	ACRE
28000300	TEMPORARY DITCH CHECKS	2	EACH
28100807	STONE DUMPED RIPRAP, CLASS A4	165	TON
40200800	AGGREGATE SURFACE COURSE, TYPE B	120	TON
50100100	REMOVAL OF EXISTING STRUCTURES	1	EACH
50300225	CONCRETE STRUCTURES	22.2	CU. YD.
50300280	CONCRETE ENCASMENT	2.6	CU. YD.
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	1680	SQ. FT.
50800105	REINFORCEMENT BARS	2680	POUND
50900205	STEEL RAILING, TYPE S1	120	FOOT
51201400	FURNISHING STEEL PILES HP 10x42	432	FOOT
51202305	DRIVING PILES	432	FOOT
51203400	TEST PILE STEEL HP 10x42	1	EACH
51204650	PILE SHOES	10	EACH
51500100	NAME PLATES	1	EACH
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	2	EACH
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	2	EACH
67100100	MOBILIZATION	1	L. SUM
* 78201000	TERMINAL MARKER - DIRECT APPLIED	4	EACH

\* SPECIALTY ITEM

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 Fax(618)548-5246  
 IL Design Firm Reg. No. 184-001518

**COUNTY HIGHWAY 20 (TONTI ROAD)  
 SECTION 05-00124-00-BR  
 MARION COUNTY, ILLINOIS**

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

SURVEY	JAS	CHECKED	DATE
DESIGN	DJC	APPROVED	09/12/07
DRAWN	BLT	REVISOR	REVISION
		JOB NO.	30514