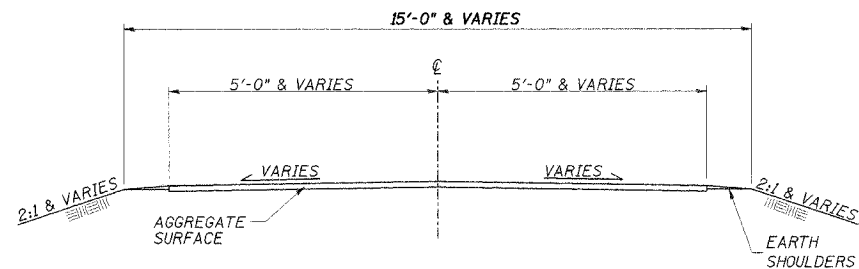
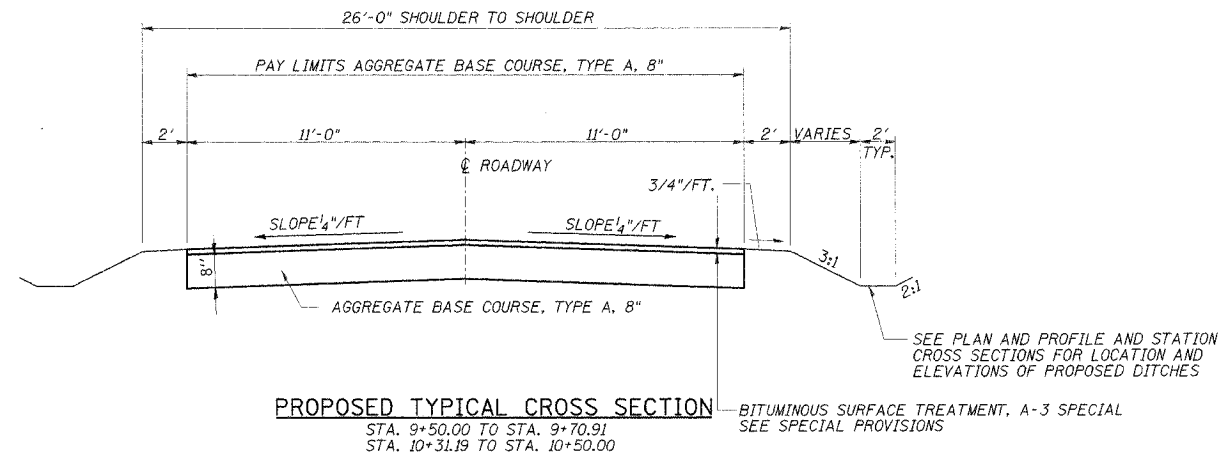
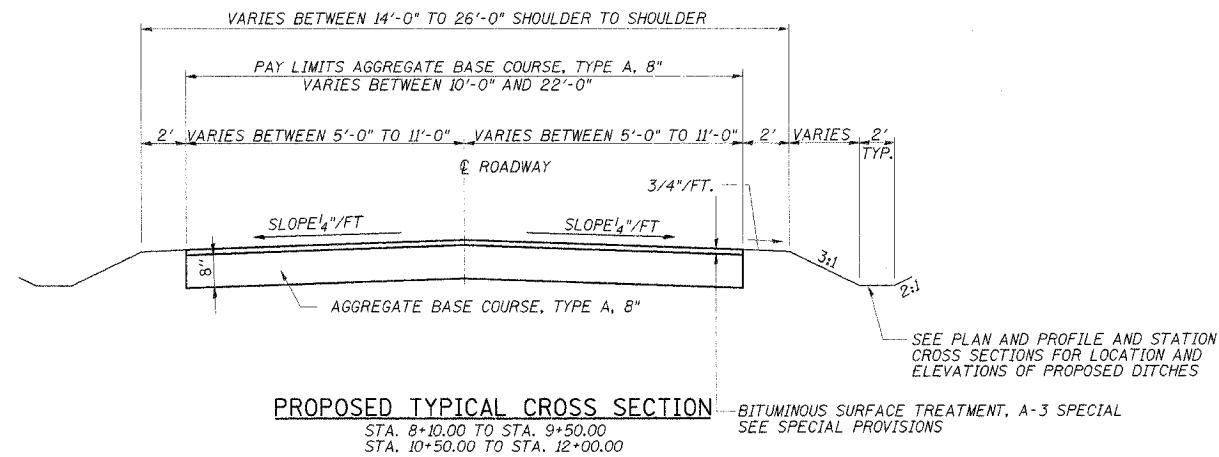


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
TR 96	*	Vermilion	12	2
FED. PROJ. DIST. NO. 7		BILLINGS	FED. PROJ. PROJECT-	
*02-03132-00-BR				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20100500	TREE REMOVAL	ACRE	0.20
*20200100	EARTH EXCAVATION	CU. YD.	228
20400800	FURNISHED EXCAVATION	CU. YD.	12
25000200	SEEDING, CLASS 2	ACRE	0.29
25100115	MULCH, METHOD 2	ACRE	0.29
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	300
28000300	TEMPORARY DITCH CHECKS	EACH	8
28000400	PERIMETER EROSION BARRIER	FOOT	787
35102000	AGGREGATE BASE COURSE, TYPE B, 8"	SG. YD.	638
*50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU. YD.	101
50300225	CONCRETE STRUCTURES	CU. YD.	21.8
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SG. FT.	1,628
50800105	REINFORCEMENT BARS	POUND	2,240
50900205	STEEL RAILING, TYPE S-1	FOOT	121
51201400	FURNISHING STEEL PILES, HP 10 X 42	FOOT	390
51202700	DRIVING STEEL PILES	FOOT	390
51203400	TEST PILE, STEEL HP 10 X 42	EACH	2
51204600	METAL SHOES	EACH	10
51500100	NAME PLATE	EACH	1
67100100	MOBILIZATION	L. SUM	1.0
*XX004565	GROUTED RIPRAP	SG. YD.	299
*XX004566	CONCRETE CUT-OFF WALL	CU. YD.	6.4
*XX005699	BITUMINOUS SURFACE TREATMENT, A-3 SPECIAL	SG. YD.	638
*XX005977	CONTROLLED LOW-STRENGTH MATERIAL (CLSM)	CU. YD.	56
Z0013798	CONSTRUCTION LAYOUT	L. SUM	1.0



SEEDING, CLASS 2		ACRE
LOCATION		
STA. 8+10 TO STA. 9+70		0.16
STA. 10+32 TO STA. 12+00		0.13
TOTAL		0.29

MULCH, METHOD 2		ACRE
LOCATION		
STA. 8+10 TO STA. 9+70		0.16
STA. 10+32 TO STA. 12+00		0.13
TOTAL		0.29

TREE REMOVAL		ACRE
LOCATION		
LT. STA. 8+10 TO STA. 11+00		0.14
RT. STA. 8+50 TO STA. 11+00		0.06
TOTAL		0.20

AGGREGATE BASE COURSE, TYPE B, 8"		SG. YD.
LOCATION		
STA. 8+10 TO STA. 9+70.91		308
STA. 10+31.19 TO STA. 12+00		330
TOTAL		638

CONSTRUCTION LAYOUT		L. SUM
LOCATION		
SEC. 02-03132-00-BR		1
TOTAL		1

BITUMINOUS SURFACE TREATMENT, A-3 SPECIAL		SG. YD.
LOCATION		
STA. 8+10 TO STA. 9+70.91		308
STA. 10+31.19 TO STA. 12+00		330
TOTAL		638

*SEE SPECIAL PROVISIONS

NOTES:

SEE PLAN AND PROFILE SHEET 4 FOR PAVEMENT AND SHOULDER TAPERES.

GENERAL NOTES

1. The locations of Existing utilities as shown on the plan are for information only, and are not guaranteed. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

DSGN	R.T. Mumm					
DR	R.T. Mumm					
CHK	K.E. Brandau					
APVD	K.E. Brandau	NO.	DATE	REVISION	BY	APVD

FRAUENHOFFER

Frauenhoffer and Associates, P.C. Consulting Engineers
 3002 Crossing Court Champaign, IL 61822 217-351-6268

SUM. OF QUANTITIES AND TYP. SECTIONS

CARROLL ROAD DISTRICT
 SECTION 02-03132-00-BR
 VERMILION COUNTY

SHEET	2
DWG. NO.	5072 - Sum.dgn
DATE	JAN 2006
PROJ. NO.	5072