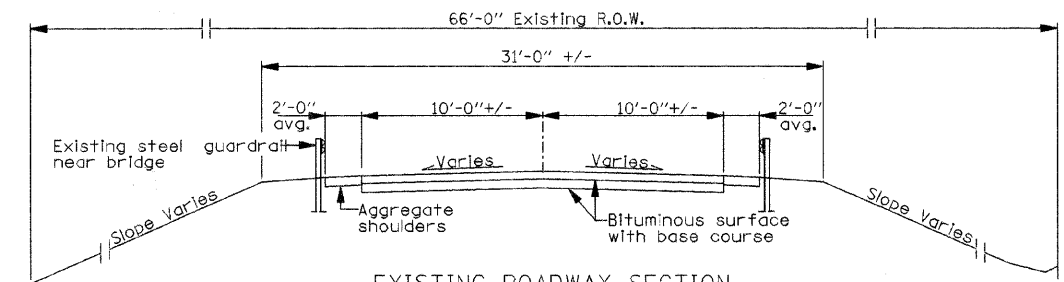


ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET TOTAL
FAS 496	*	Vermilion	18	2
FED. ROAD DIST. NO. 7	ILL. HIGH.	FED. AID PROJECT		

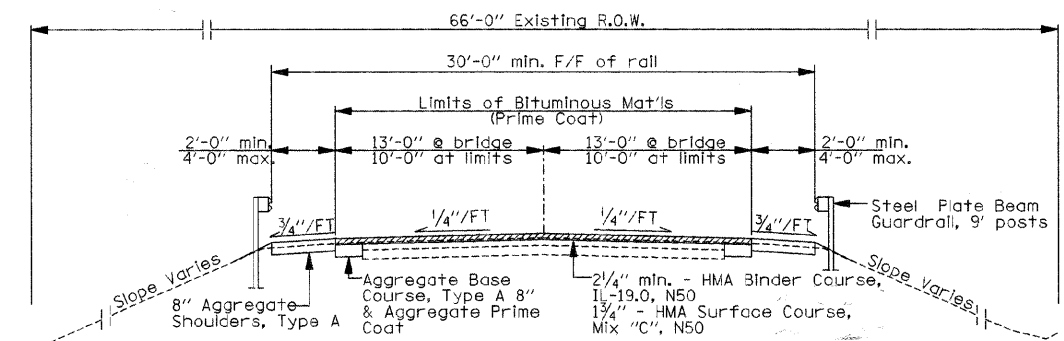
SUMMARY OF QUANTITIES - VERM. SEC 97-00141-00-BR

CODE	DESCRIPTION	UNIT	TOTAL QUANTITIES
20200100	Earth Excavation	Cu. Yd.	50
21101615	Top Soil Furnish & Place, 4"	Sq. Yd.	1150
*25000200	Seeding, Class 2	Acre	0.24
25000400	Nitrogen Fertilizer Nutrient	Pound	27
25000500	Phosphorus Fertilizer Nutrient	Pound	27
25000600	Potassium Fertilizer Nutrient	Pound	27
25100115	Mulch, Method 2	Acre	0.24
28000250	Temporary Erosion Control Seeding	Pound	24
28000300	Temporary Ditch Checks	Each	6
*28000400	Perimeter Erosion Barrier	Foot	580
35100100	Aggregate Base Course, Type A	Ton	38
*40600100	Bituminous Materials (Prime Coat)	Gal	160
40600300	Aggregate (Prime Coat)	Ton	0.23
*40603080	Hot-Mix Asphalt, Base Course IL-19.0, N50	Ton	52
*40603310	Hot-Mix Asphalt, Surface Course Mix "C", N50	Ton	36
44000153	Hot-Mix Asphalt Surface Removal, 1"	Sq. Yd.	115
44000157	Hot-Mix Asphalt Surface Removal, 2"	Sq. Yd.	87
44000161	Hot-Mix Asphalt Surface Removal, 3"	Sq. Yd.	84
48100700	Aggregate Shoulders, Type A 8"	Sq. Yd.	114
50100100	Removal of Existing Structures	Each	1
50200100	Structure Excavation	Cu. Yd.	122
50200300	Cofferdam Excavation	Cu. Yd.	140
50200500	Cofferdams	Each	2
*50300225	Concrete Structures	Cu. Yd.	122.0
*50300255	Concrete Superstructure	Cu. Yd.	80.7
50300260	Bridge Deck Grooving	Sq. Yd.	483
50300265	Seal Coat Concrete	Cu. Yd.	80
50300300	Protective Coat	Sq. Yd.	483
*50400505	Precast Prestressed Concrete Deck Beams, (27" Depth)	Sq. Ft.	4256
*50800105	Reinforcement Bars	Pound	7200
*50800205	Reinforcement Bars, Epoxy Coated	Pound	11550
Δ50901050	Steel Railing, Type SM	Foot	289
51201400	Furnishing Steel Piles HP10x42	Foot	1800
51202305	Driving Piles	Foot	1800
51203400	Test Pile Steel HP10x42	Each	4
51204650	Pile Shoes	Each	36
51500100	Name Plates	Each	1
59300100	Controlled Low-Strength Material	Cu. Yd.	52
Δ*63000003	Steel Plate Beam Guardrail, Type A, 9 ft posts	Foot	588
Δ*63100045	Traffic Barrier Terminal, Type 2	Each	2
Δ*63100075	Traffic Barrier Terminal, Type 5A	Each	4
Δ*63300725	Steel Plate Beam Guardrail (Short Radius)	Foot	13
Δ*LR631020	Traffic Barrier Terminal, Type 1	Each	2
*67100100	Mobilization	L. Sum	1
63200310	Guardrail Removal	Foot	300
*70103700	Traffic Control Complete	L. Sum	1
Δ78001110	Paint Pavement Marking - Line 4"	Foot	900
*XX004565	Grouted Riprap	Sq. Yd.	490
XX004566	Concrete Cut-Off Wall	Cu. Yd.	6.4
*Z0013798	Construction Layout	L. Sum	1



EXISTING ROADWAY SECTION

Sta. 8+50 to Sta. 9+57
Sta. 10+43 to Sta. 12+50



PROPOSED ROADWAY SECTION

Sta. 8+50 to Sta. 9+29
Sta. 10+71 to Sta. 12+50

The existing pavement shall be rehabilitated by milling the surface then applying the HMA binder and surface courses. The pavement shall be widened for the full depth outside the existing pavement limits.

MIXTURE REQUIREMENTS TABLE

MIXTURE	SURFACE	BINDER
PG	PG 64-22	PG 64-22
RAP	15%	25%
Design Voids	4.0% @ Ndes = 50	4.0% @ Ndes = 50
Mix Composition	IL 9.5	IL 19.0
Friction Aggregate	Mix C	N.A.

GENERAL NOTES

- 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.

* SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

DSGN	K.J. Hoffmann				
DR	K.J. Hoffmann				
CHK	J.P. Wolf				
APVD	J.A. Fraunhoffer	NO.	DATE	REVISION	BY

FRAUENHOFFER

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

SUMMARY OF QUANTITIES AND TYPICAL SECTIONS

FAS 496 (C.H. 14) OVER MIDDLE BRANCH OF N. FORK
SEC. 97-00141-00-BR
VERMILION COUNTY

SHEET 2

DWG NO. 97051500.dgn

DATE APR 2009

PROJ. NO. 97051