

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	2

Contract No. 91459

GENERAL NOTES

The revision number indicated for the Standards listed in the plans shall be used in the construction of this project.

All traffic control and other advisory signs needed for construction of this project are to be furnished by the Contractor in accordance with Section 701 in the Standard Specifications.

All Leveling Binder, and Binder Course shall be given a fog coat of prime, as directed by the Engineer, before the Surface Course is placed.

Coarse aggregate gradation CA-10 may be used whenever Coarse Aggregate CA-6 is specified in the Standard Specifications.

Raised Reflective Pavement Markers shall be placed in accordance with STANDARD 781001. The final pavement markings shall be in place prior to installation of Raised Reflective Pavement Markers. The Raised Reflective Pavement Markers shall be placed midway in the 30 ft. space between the dashed centerline stripes.

APPLICATION RATES

Granular Material (CA-6, CA-10)	2.05 Ton/Cu.Yd.
Nitrogen Fertilizer Nutrients	90 lb./Acre
Phosphorus Fertilizer Nutrients	90 lb./Acre
Potassium Fertilizer Nutrients	90 lb./Acre
Mulch	2 Ton/Acre
Bituminous Materials (Aggregate Base)	0.5 Gal./Sq.Yd.
Bituminous Materials (Bituminous/Concrete Base)	0.075 Gal./Sq.Yd.
Bituminous Materials (Fog Coat)	0.05 Gal./Sq.Yd.

BITUMINOUS MIXTURE REQUIREMENTS

Mixture	CH-49	CH-49	CH-49	CH-49
Mixture Use	Incidental	Level Binder 1"	Binder(2 1/4")	Surface (1 1/2")
AC/PG	PG(64-22)	PG(64-22)	PG(64-22)	SBS PG(70-22)
RAP % MAX	15%	25%	25%	10%
Design Air Voids	4%@NDES 50	4%@NDES 50	4%@NDES 50	4%@NDES 50
Mixture Composition (Gradation Mixture)	IL 9.5	IL 9.5	IL 19.0	IL 9.5
Friction Aggregate	Mix C	Mix C	NA	MIX C

** Specialty Items*

SUMMARY OF QUANTITIES

CODE No.	DESCRIPTION	UNITS	Quantity
20800150	Trench Backfill	Cu.Yd.	2.0
X2501000	Seeding, Class 2 (Special)	Acre	0.10
35101400	Aggregate Base Course, Type B	Ton	163.0
35800100	Preparation of Base	Sq.Yd.	427.0
35800200	Aggregate Base Repair	Ton	23.0
40200800	Aggregate Surface Course, Type B	Ton	86.0
40600100	Bituminous Materials (Prime Coat)	Gallon	13646.0
40600300	Aggregate (Prime Coat)	Ton	120.0
40600400	Mixture for Cracks, Joints, and Flangeways	Ton	8.0
40600625	Leveling Binder (Machine Method), N50	Ton	4278.0
40600982	Hot-Mix Asphalt Surface Removal - Butt Joint	Sq.Yd.	137.0
40600985	Portland Cement Concrete Surface Removal - Butt Joint	Sq.Yd.	269.0
40600990	Temporary Ramp	Sq.Yd.	103.0
40603080	Hot-Mix Asphalt Binder Course IL 19.0 N 50	Ton	9730.0
40603510	Polymerized Hot-Mix Asphalt Surface Course, Mix "C", N50	Ton	7192.0
40800010	Bituminous Materials (Prime Coat)	Gallon	554.0
40800030	Aggregate (Prime Coat)	Ton	3.0
40800050	Incidental Hot-Mix Asphalt Surfacing	Ton	456.0
44000200	Driveway Pavement Removal	Sq.Yd.	159.0
44000400	Gutter Removal	Foot	1453.0
44200934	Class B Patch Type II 8"	Sq.Yd.	45.0
44200942	Class B Patch Type III 8"	Sq.Yd.	40.0
44200944	Class B Patch Type IV 8"	Sq.Yd.	30.0
44213100	Pavement Fabric	Sq.Yd.	70.0
44213200	Saw Cuts	Foot	196.0
48101200	Aggregate Shoulders, Type B	Ton	5126.0
55000050	Storm Sewers, CLASS A, TYPE 1, 12"	Foot	10.0
60236200	Inlets, Type A, Type 8 Grate	Each	2.0
60500060	Removing Inlets	Each	2.0
60600095	Class SI Concrete (Outlet)	Cu.Yd.	7.3
X6062700	Concrete Gutter, Type A (SPECIAL)	Foot	188.0
67100100	Mobilization	L.S.	1.0
70100450	Traffic Control and Protection, Standard 701201	L.S.	1.0
70100460	Traffic Control and Protection, Standard 701306	L.S.	1.0
70100600	Traffic Control and Protection, Standard 701336	L.S.	1.0
70300100	Short-Term Pavement Marking	Foot	8662.0
70300220	Temporary Pavement Marking - Line 4"	Foot	72791.0
70300280	Temporary Pavement Marking - Line 24"	Foot	46.0
70301000	Work Zone Pavement Marking Removal	Sq.Ft	987.0
* 78000200	Thermoplastic Pavement Marking - Line 4"	Foot	72791.0
* 78000650	Thermoplastic Pavement Marking - Line 24"	Foot	46.0
* 78100100	Raised Reflective Pavement Marker	Each	404.0
Z0017099	Dowel Bar Assembly	Each	3.0
44201298	Dowel Bars 1 1/4" Diameter	Each	144.0
44213201	Tie Bars 3/4"	Each	35.0

ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		GENERAL NOTES & SUMMARY OF QUANTITIES
	DSGN: GHS	DRN: SMW	
	CHK: GHS	DATE: 1/10/2010	