

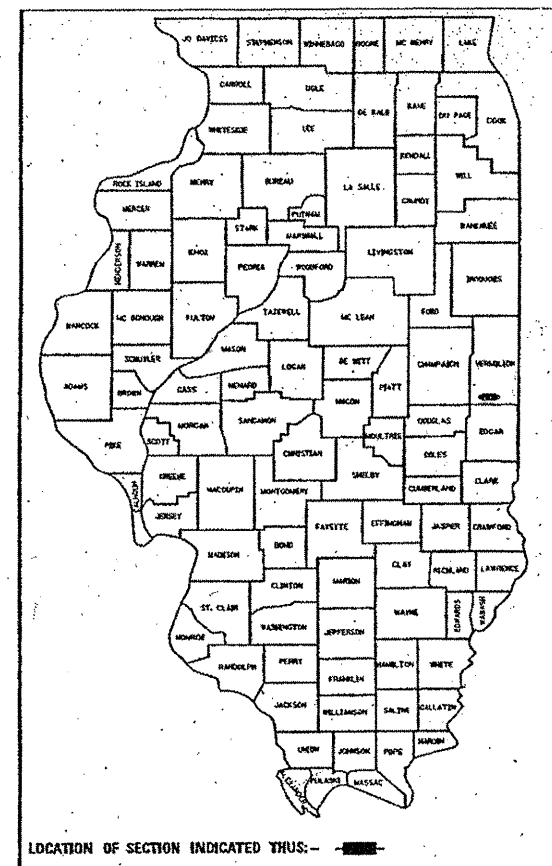
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	1

STATE OF ILLINOIS

VERMILION COUNTY HIGHWAY DEPARTMENT

**PLANS FOR PROPOSED
FEDERAL AID PROJECT
COUNTY HIGHWAY 49 (FAS 514)
ALLERTON-SIDELL ROAD
SECTION 08-00162-01-RS**

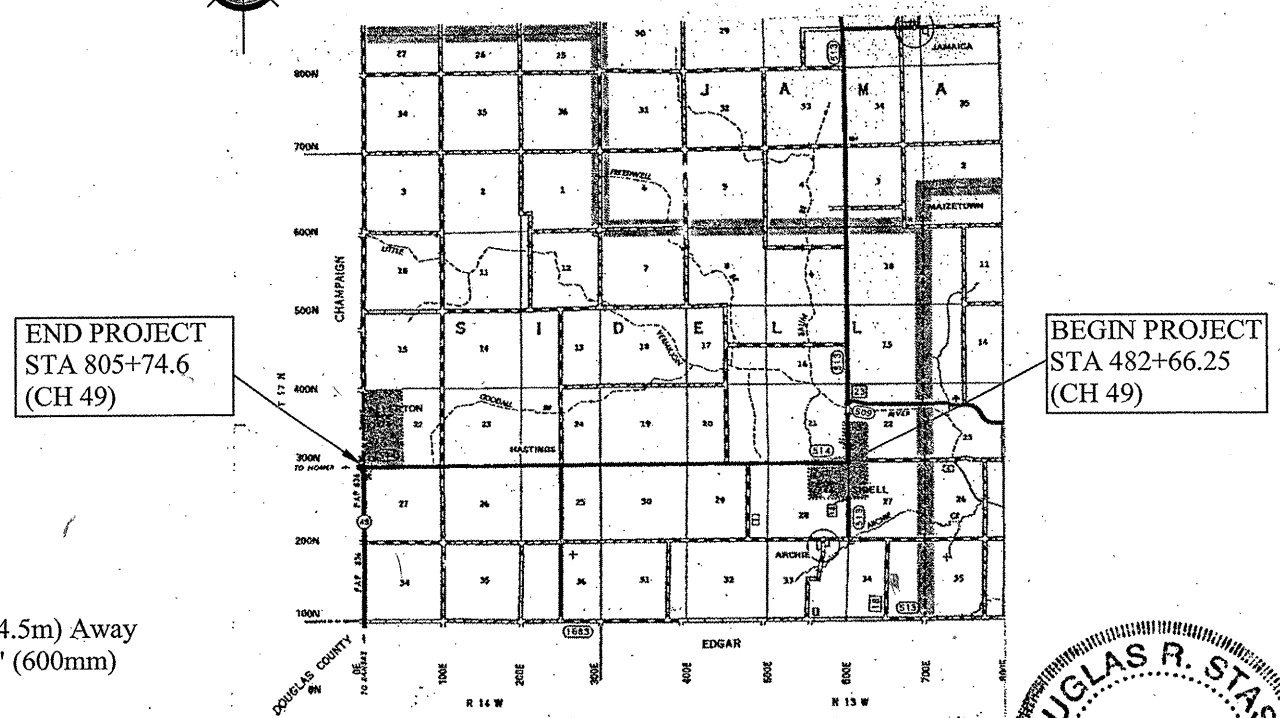
**JOB NO.- C-95-315-10
PROJECT NO.- RS-0514(101)**



INDEX OF SHEETS

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2	General Notes and Summary of Quantities
3-6	Schedule of Quantities
7-11	Existing Typical Cross Section
12-18	Proposed Typical Cross Section
19-24	Detailed Location Map
25-39	Special Details

LOCATION MAP



NET LENGTH OF PROJECT: 32308.35 FT = 6.119 MI
 Village of Allerton 850 ADT (2008)
 Allerton to 250 E 1000 ADT (2008)
 250 E to 480 E 900 ADT (2008)
 480 E to Chicago St. In Allerton 850 ADT (2008)

IDOT HIGHWAY STANDARDS

- 420001-07 Pavement Joints
- 420701-02 Pavement Fabric
- 442101-07 Class B Patches
- 602301-03 Inlet Type A
- 604036-02 Grate Type A
- 606101-04 Type A Gutter (Inlet, Outlet, Entrance)
- 701001-02 Off Road Operations 2L, 2W, More Than 15' (4.5m) Away
- 701006-03 Off Road Operations 2L, 2W, 15' (4.5m) to 24" (600mm) From Pavement Edge
- 701011-02 Off Road Moving Operations 2L, 2W, Day Only
- 701201-04 Lane Closure 2L, 2W, Day Only For Speeds ≥ 45 MPH
- 701201-04 Lane Closure 2L, 2W, Short Time Operations
- 701306-03 Lane Closure 2L, 2W, Slow Moving Operations Day Only, For Speeds ≥ 45 MPH
- 701311-03 Lane Closure 2L, 2W, Moving Operations - Day Only
- 701336-06 Lane Closure 2L, 2W, Work Areas in Series, For Speeds ≥ 45 MPH
- 701901-01 Traffic Control Devices
- 780001-02 Typical Pavement Markings
- 781001-03 Typical Applications - Raised Reflective Pavement Markers



Douglas R. Staske
 Douglas R. Staske
 Illinois Licensed Professional Engineer Number 05509
 License Expires 11/30/2011

APPROVED	<i>January 24</i> <i>Doug Staske</i>	,2011
	COUNTY ENGINEER	
PASSED	<i>March 11</i> <i>DJA</i>	,2011
	DISTRICT 5 ENGINEER OF LOCAL ROADS & STREETS	
RELEASED FOR BID BASED ON LIMITED REVIEW	<i>March 10</i> <i>John</i>	,2011
	DEPUTY DIRECTOR OF HIGHWAYS REGION 3 ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

PREPARED BY:
 VERMILION COUNTY HIGHWAY DEPARTMENT
 ENGINEERING DIVISION JANUARY 24, 2011

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
DSGN: GHS DRN: SMW
CHK: GHS DATE: 1/10/2010

GENERAL NOTES
&
SUMMARY OF
QUANTITIES

SCHEDULE OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	3

Contract No. 91459

TRENCH BACKFILL 20800150

Location	Cu.Yd.
24' Lt. 801+11	1.0
25' Lt. 801+37	1.0
Total	2.0

AGGREGATE SURFACE COURSE, TYPE B 40200800

Station	Ton
Lt. 495+59	2.0
Lt. 496+07	2.0
Lt. 503+24	2.0
Rt. 508+90	2.0
Lt. 509+32	2.0
Lt. 525+14	2.0
Rt. 525+40	2.0
Lt. 535+84	2.0
Rt. 548+92	2.0
Lt. 551+55	2.0
Lt. 577+25	2.0
Rt. 577+77	2.0
Lt. 585+57	2.0
Lt. 589+37	2.0
Rt. 596+15	2.0
Lt. 602+47	2.0
Rt. 606+47	2.0
Rt. 614+47	2.0
Lt. 615+57	2.0
Lt. 616+10	2.0
Rt. 617+27	2.0
Rt. 619+84	2.0
Lt. 631+79	2.0
Lt. 637+03	2.0
Lt. 637+78	2.0
Rt. 647+36	2.0
Rt. 659+87	2.0
Lt. 660+03	2.0
Lt. 683+00	2.0
Rt. 699+52	2.0
Lt. 702+00	2.0
Rt. 705+93	2.0
Lt. 705+98	2.0
Lt. 719+57	2.0
Lt. 729+47	2.0
Rt. 741+93	2.0
Lt. 764+97	2.0
Lt. 766+08	2.0
Lt. 769+18	2.0
Lt. 779+05	2.0
Rt. 782+22	2.0
Lt. 792+00	2.0
Lt. 800+30	2.0
Total	86.0

SEEDING, CLASS 2 (SPECIAL) 25001000

Station	to Station	Acre
Lt 673+11 (250E)		0.02
Rt 673+03 (250E)		0.02
Lt. 717+60	Lt. 720+00	0.04
Rt. Yates St.		0.02
Total		0.1

AGGREGATE BASE COURSE, TYPE B 35101400

Station	to Station	Ton
Rt 673+03 (250E)		15.0
Lt 673+11 (250E)		13.0
Lt 717+64	Lt 720+00	20.0
Rt 793+78 (Yates St.)		13.0
Lt 798+88	Lt 801+14	32.0
Lt 801+24 (S. Vermilion)		21.0
Lt 801+34	Lt 804+76	49.0
Total		163.0

PREPARATION OF BASE 35800100

AGGREGATE BASE REPAIR 35800200

Location	Preparation of Base (Sq.Yd.)	Aggregate Base Repair (Ton)
Lt 549+05(480E)	93.0	5.0
Rt 562+47(470E)	212.0	5.0
Rt 705+93	19.0	1.0
Rt 741+93	17.0	1.0
Lt 769+18	23.0	1.0
Lt 800+30	23.0	1.0
Lt 803+36	13.0	4.0
Lt 803+65	12.0	4.0
Lt 805+12	15.0	1.0
Total	427.0	23.0

BITUMINOUS MATERIALS (PRIME COAT)

AGGREGATE (PRIME COAT)

Station	to Station	BIT. MAT PRIME COAT (GALLON)	AGG. PRIME COAT (TON)	BIT. MAT. PRIME COAT (GALLON)	AGG. PRIME COAT (TON)
482+66.25 (CH-49)	805+55.6	13589.0	119.0		
7+03 (Champaign St)	10+60	57.0	1.0		
Intersections, Entrances, and Mailbox Turnouts					
Total		13646.0	120.0	554.0	3.0

** Includes Fog Coat on HMA Level Binder

MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS 40600400

Station	to Station	Ton
7+03 (Champaign St)	10+60	2.0
491+91 (CH-49)	805+55.6	6.0
Total		8.0

LEVELING BINDER (MACHINE METHOD), N50 40600625

Station	to Station	Ton
492+36	804+95.6	4278.0
Total		4278.0

HOT-MIX ASPHALT SURFACE REMOVAL - BUTTJOINT 40600982

Station	to Station	Sq.Yd.
7+03 (Champaign St)	7+33	63.0
10+30 (Champaign S	10+60	63.0
Rt 673+03		11.0
total		137.0

PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT 40600985

Station	to Station	Sq.Yd.
482+66.25	482+96..25	148.0
Lt. 673+11 (250E)		35.0
Rt 795+78 (Yates St)		43.0
Lt 801+24 (So.Vermilion)		43.0
Total		269.0

ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batesown Road Oakwood, Illinois 61858	SCHEDULE OF QUANTITIES
	DSGN: GHS DRN: SMW	
	CHK: GHS DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	4

Contract No. 91459

SCHEDULE OF QUANTITIES

TEMPORARY RAMPS 40600990

Location	Sq.Yd.
482+66.25	28.0
Lt 673+11 (250E)	11.0
AR 703+00	11.0
Lt 10+00	16.0
AR 10+60	14.0
Rt. 673+03 (250E)	20.0
Total	103.0

HOT-MIX ASPHALT BINDER COURSE IL19.0 N 50 40603080

Station	to	Station	Ton
492+01		805+15.6	9730.0

Polymerized HMA Surf. Cse., Mix "C", N50 40603510

Station	to	Station	Ton
482+66.25 (CH-49)		805+55.6	7106.0
7+03 (Champaign St)		10+60	86.0
Total			7192.0

INCIDENTAL HOT-MIX ASPHALT SURFACING 40800050

Station	Ton	Station	Ton
Lt. 495+59	3.0	Lt. 797+40	8.2
Lt. 496+07	3.9	Lt. 800+30	4.4
Lt. 503+24	2.8	Lt. 801+24	30.1
Lt. 509+32	3.3	Lt. 803+36	2.4
Lt. 525+14	2.8	Lt. 803+65	2.3
Lt. 535+84	2.6	Lt. 805+12	2.8
Lt. 549+05	33.3	Rt. 508+90	3.8
Lt. 551+55	2.4	Rt. 525+40	3.9
Lt. 577+25	3.1	Rt. 548+92	3.3
Lt. 585+57	4.6	Rt. 562+47	29.5
Lt. 589+37	3.4	Rt. 577+77	2.9
Lt. 602+47	2.9	Rt. 596+15	4.3
Lt. 615+53	1.7	Rt. 606+47	3.0
Lt. 616+10	1.7	Rt. 614+47	4.1
Lt. 631+79	6.2	Rt. 617+27	1.7
Lt. 637+03	1.7	Rt. 619+84	3.8
Lt. 660+03	1.7	Rt. 631+79	5.3
Lt. 673+11	43.5	Rt. 637+60	3.0
Lt. 683+00	1.7	Rt. 637+78	5.7
Lt. 702+00	1.7	Rt. 647+36	4.3
Lt. 705+98	1.7	Rt. 659+87	1.7
Lt. 717+47	6.2	Rt. 673+03	58.5
Lt. 719+57	6.2	Rt. 699+52	1.7
Lt. 729+47	1.7	Rt. 705+93	3.6
Lt. 752+50	21.8	Rt. 741+93	3.1
Lt. 764+97	1.7	Rt. 752+50	37.5
Lt. 765+90	4.1	Rt. 782+22	6.2
Lt. 766+08	6.2	Rt. 793+78	26.0
Lt. 769+18	4.3	Rt. 803+84	5.3
Lt. 792+00	1.7	Total	456.0

DRIVEWAY PAVEMENT REMOVAL 44000200

Station	Sq.Yd.
Rt. 619+84	67.0
Lt. 719+47	33.0
Lt. 803+36/803+65	59.0
Total	159.0

GUTTER REMOVAL 44000400

(Includes Standard Inlet/Outlet)

Station	to	Station	Foot
Lt. 673+03 (250N) E. Side			104.0
Lt. 673+03 (250N) W. Side			99.0
Rt. 673+11 (250N) E. Side			110.0
Rt. 673+11 (250N) W. Side			95.0
Lt. 717+23.6		Lt 720+00	277.0
Rt. 793+78 (Yates St) E. Side			85.0
Rt. 793+78 (Yates St) W. Side			68.0
Lt. 798+88		Lt 804+14	240.0
Lt. 804+32		Lt 804+91	375.0
Total			1453.0

AGGREGATE SHOULDER, TYPE B 48101200

Station	to	Station	Ton
Lt 491+86		Lt 562+08	633.0
Lt 562+47 (470E)			5.0
Lt 562+86		Lt 672+51	989.0
Lt 673+11 (250E)			7.0
Lt 673+71		Lt 717+64	396.0
Lt 717+20		Lt 752+05	314.0
Lt 752+50 (100E)			4.0
Lt 752+95		Lt 800+94	433.0
Lt 801+24 (S. Vermilion St.)			6.0
Lt 801+54		Lt 805+25.6	34.0
Rt 491+91		Rt 548+64	512.0
Rt 549+05 (480E)			5.0
Rt 549+46		Rt 672+43	1109.0
Rt 673+03 (250E)			7.0
Rt 673+63		Rt 752+05	707.0
Rt 752+50 (100E)			7.0
Rt 752+95		Rt 793+18	363.0
Rt 793+78 (Yates St.)			7.0
Rt 794+38		Rt 805+25.6	98.0
Lt 7+03 (Champ. St.)		Lt 9+89	5.0
Lt 10+11 (Champ. St.)		Lt 10+60	1.0
Rt 7+03 (Champ. St.)		Lt 805+25.6	1.0
Rt 805+25.6		Rt 10+60	1.0
Deduct for Entrances, Safety Edge			-518.0
Total			5126.0

STORM SEWERS, TYPE I, REINFORCED CONCRETE CULVERT,

STORM DRAIN, AND SEWER PIPE, CLASS A 12" 550A0050

Station	to	to	Station	Foot
Lt. 801+08			Lt. 801+13	5.0
Lt. 801+35			Lt. 801+40	5.0
Total				10.0

INLETS, TYPE A, TYPE 8 GRATE 60236200

Location	Each
24' Lt. 801+08	1.0
25' Lt. 801+40	1.0
Total	2.0

REMOVING INLETS 60500060

Location	Each
24' Lt. 801+11	1.0
25' Lt. 801+37	1.0
Total	2.0

ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858	SCHEDULE OF QUANTITIES
	DSGN: GHS DRN: SMW	
	CHK: GHS DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	5

Contract No. 91459

SCHEDULE OF QUANTITIES

CLASS SI CONCRETE (OUTLET) 60600095

Station	to	Station	Cu.Yd.
Lt. 717+23.5		Lt. 717+64	2.9
Lt. 717+64		Lt. 718+00	3.5
Lt. 719+88		Lt. 720+00	0.9
Total			7.3

CONCRETE GUTTER, TYPE A (MODIFIED) 60602600

Station	to	Station	Foot
Lt. 718+00		Lt. 719+88	188.0
Total			188.0

SHORT TERM PAVEMENT MARKING 70300100

Station	to	Station	Feet
492+36(Level Binder)		805+55.5	2844.0
492+01(binder)		805+45.6	2850.0
482+66.25 (Surface)		805+55.6	2936.0
7+03 (Surface)		10+60	32.0
Total			8662.0

TEMPORARY PAVEMENT MARKING - LINE 4" 70300220

Station	to	Station	Feet	Feet	Total
			Solid White	Skip/Dash Yellow	
Lt 482+73		Lt 672+39.5	18967.0		18967.0
Lt 673+83		Lt 752+05	7822.0		7822.0
Lt 752+95		Lt 805+25.6	5231.0		5231.0
Rt 482+73		Rt 672+39.5	18967.0		18967.0
Rt 673+66.5		Rt 752+05	7839.0		7839.0
Rt 752+95		Rt 793+17.09	4022.0		4022.0
Rt 794+19		Rt 805+25.6	1107.0		1107.0
482+66.25 (C.L.)		805+55.6		8073.0	8073.0
7+03 (C.L.)		9+70		67.0	67.0
10+30 (C.L.)		10+60		8.0	8.0
Lt 7+03		Lt 9+70	267.0		267.0
Rt 7+03		Lt 805+25.6	314.0		314.0
Lt 10+30		Lt 10+60	30.0		30.0
Rt 805+25.6		Rt 10+60	77.0		77.0
					72791.0

TEMPORARY PAVEMENT MARKING - LINE 24" 70300280

Station	to	Station	Foot
Lt 482+88		(CH-49)	17.0
Rt 805+25.6		(CH-49)	11.0
Rt 9+70		(Champaign St)	9.0
Lt 10+30		(Champaign St)	9.0
Total			46.0

WORK ZONE PAVEMENT MARKING REMOVAL 70301000

Station	to	Station	Sq.Ft.
482+66.25		(C.L.) 805+55.6	979.0
7+03		(C.L.) 10+60	8.0
Total			987.0

THERMOPLASTIC PAVEMENT MARKING - LINE 4" 78000200

Station	to	Station	Foot	Foot	Total
			Solid White	Skip/Dash Yellow	
Lt 482+73		Lt 672+39.5	18967.0		18967.0
Lt 673+83		Lt 752+05	7822.0		7822.0
Lt 752+95		Lt 805+25.6	5231.0		5231.0
Rt 482+73		Rt 672+39.5	18967.0		18967.0
Rt 673+66.5		Rt 752+05	7839.0		7839.0
Rt 752+95		Rt 793+17.09	4022.0		4022.0
Rt 794+19		Rt 805+25.6	1107.0		1107.0
482+66.25		805+55.6		8073.0	8073.0
7+03		9+70		67.0	67.0
10+30		10+60		8.0	8.0
Lt 7+03		Lt 9+70	267.0		267.0
Rt 7+03		Lt 805+25.6	314.0		314.0
Lt 10+30		Lt 10+60	30.0		30.0
Rt 805+25.6		Rt 10+60	77.0		77.0
					72791.0

THERMOPLASTIC PAVEMENT MARKING - LINE 24" 78000650

Station	to	Station	Foot (White)
Lt 482+66.25		(CH-49)	17.0
Rt. 805+25.6		(CH-49)	11.0
Rt. 9+70		(Champaign St)	9.0
Lt. 10+30		(Champaign St)	9.0
Total			46.0

RAISED REFLECTIVE PAVEMENT MARKERS 78100100

Station	to	Station	Each
482+66.25		805+55.6	404.0
Total			404.0

ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		SCHEDULE OF QUANTITIES
	DSGN: GHS	DRN: SMW	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	6

Contract No. 91459

SCHEDULE OF QUANTITIES

CLASS B PATCH TYPE II 8" 44200934			
Station	to	Station	SqYd
482+66.25		805+55.6	45.0

CLASS B PATCH TYPE III 8" 44200942			
Station	to	Station	SqYd
482+66.25		805+55.6	40.00

CLASS B PATCH TYPE IV 8" 44200944			
Station	to	Station	SqYd
482+66.25		805+55.6	30.0

ITEM	CODE	CLB TYPE II-8"	CLB TYPE III-8"	CLB TYPE IV-8"	TOTAL
PAVEMENT FABRIC	44213100		40.0	70.0	70 Sq Yd
SAW CUTS	44213200	39.0	99.0	58.0	196.0 Ft
DOWEL BAR ASSEMBLY	Z0017099		2.0	1.0	3.0 Each
DOWEL BARS 1 1/4" Diameter	Z0017200	96.0	32.0	16.0	144.0 Each
TIE BARS 3/4"	Z0075300		22.0	13.0	35.0 Each

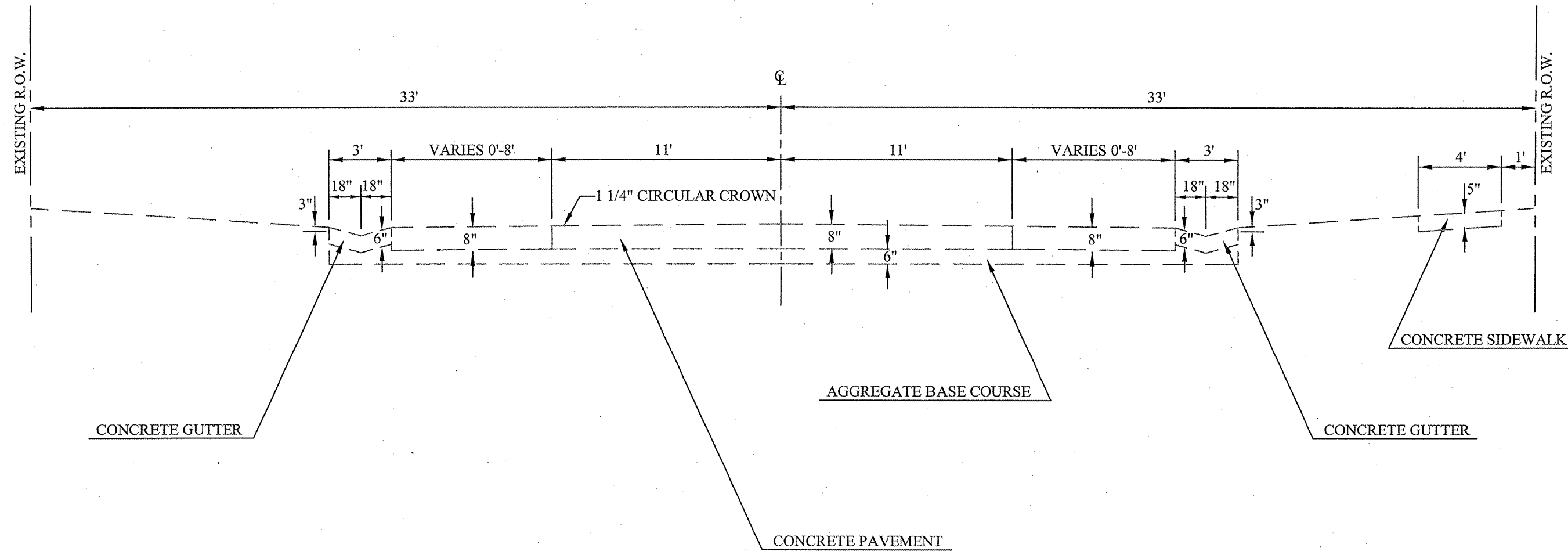
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		SCHEDULE OF QUANTITIES
	DSGN: GHS	DRN: SMW	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	7

Contract No. 91459

EXISTING TYPICAL CROSS SECTION

STA 482+66.25 TO 484+41.45



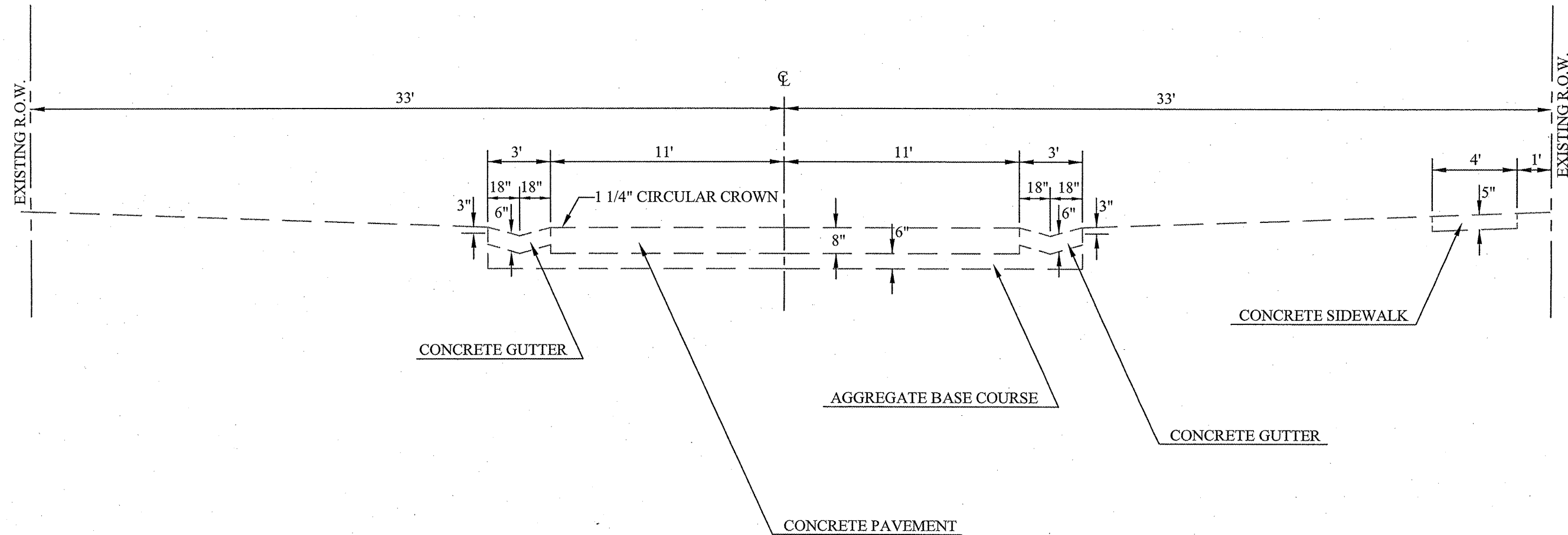
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE EXISTING TYPICAL
	DSGN: GHS CHK: GHS	DRN: RST DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	8

Contract No. 91459

EXISTING TYPICAL CROSS SECTION

STA 484+41.45 TO STA 491+86



ALLERTON-SIDELL RD. (CH 49)
RESURFACING
SECTION 08-00162-01-RS

Prepared by:
Vermilion County Highway Dept.
2732 Batestown Road
Oakwood, Illinois 61858

DSGN: GHS	DRN: RST
CHK: GHS	DATE: 1/20/2010

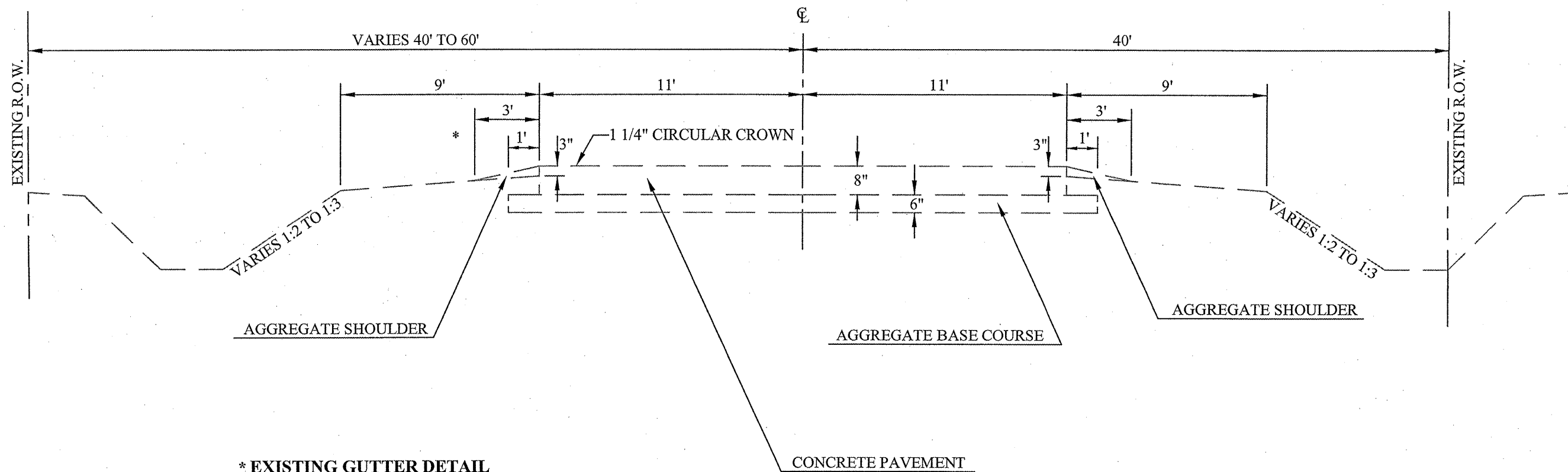
NOT TO SCALE
EXISTING
TYPICAL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	9

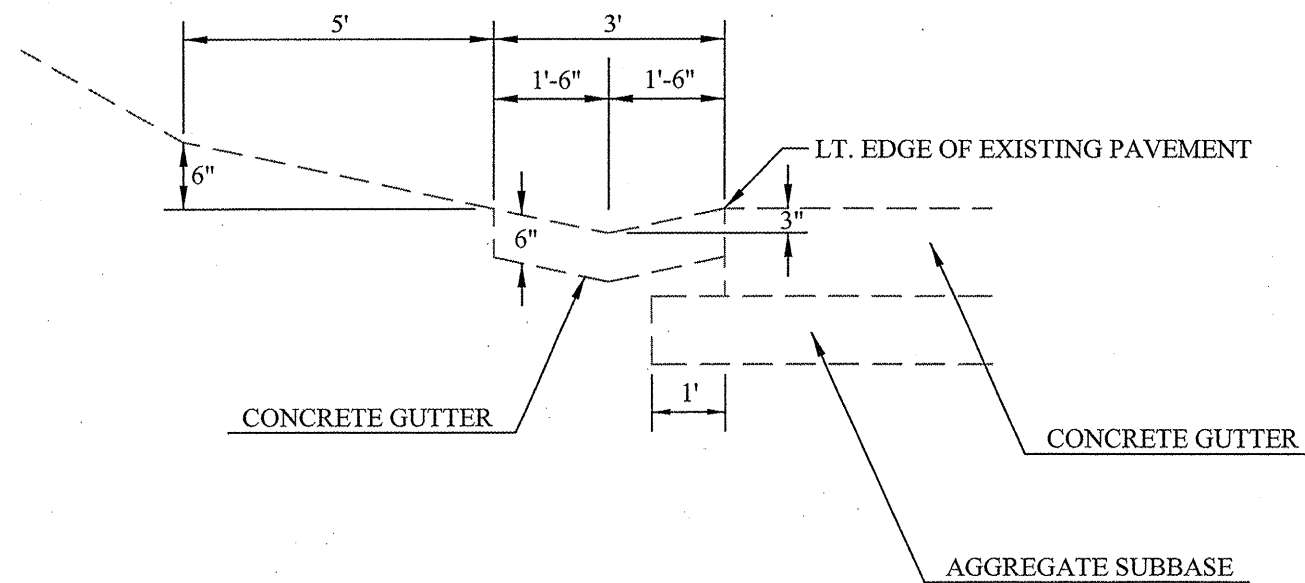
Contract No. 91459

EXISTING TYPICAL CROSS SECTION

STA 491+86 TO STA 795+40.6
 STA 804+76 TO STA 805+74.6



*** EXISTING GUTTER DETAIL**
 LT STA 717+64 TO LT STA 720+00



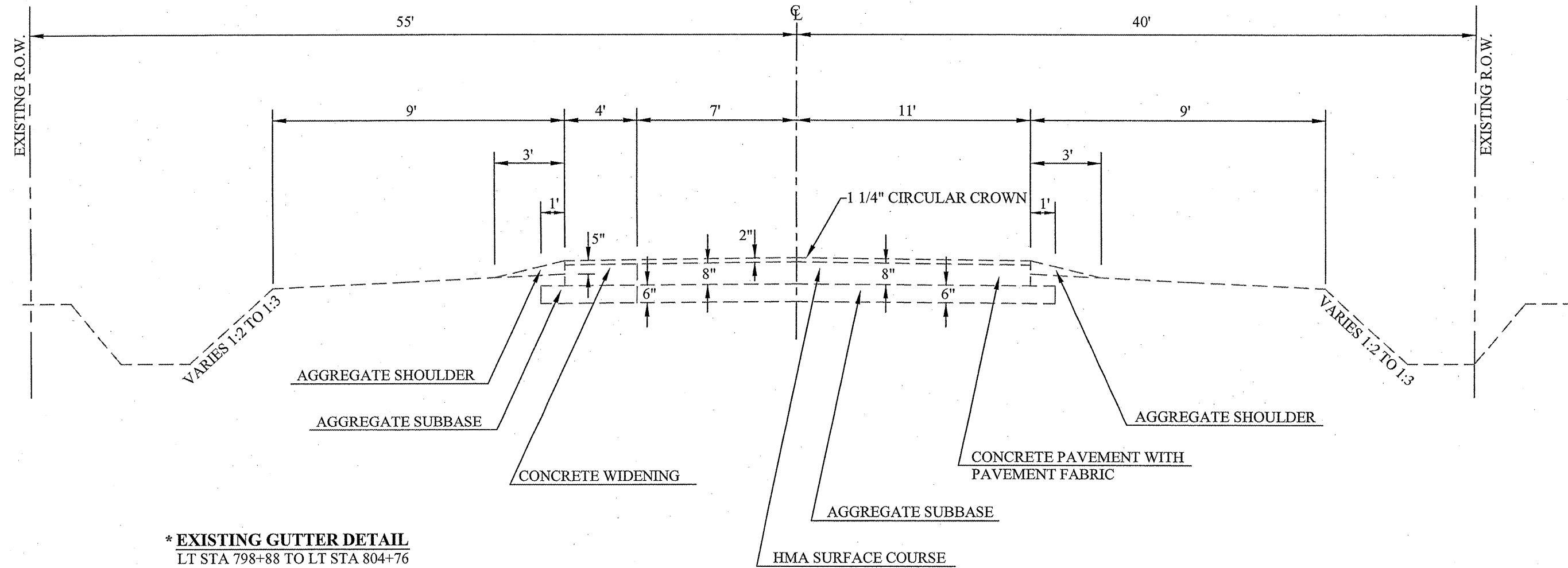
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858	NOT TO SCALE EXISTING TYPICAL
	DSGN: GHS DRN: RST	
	CHK: GHS DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	10

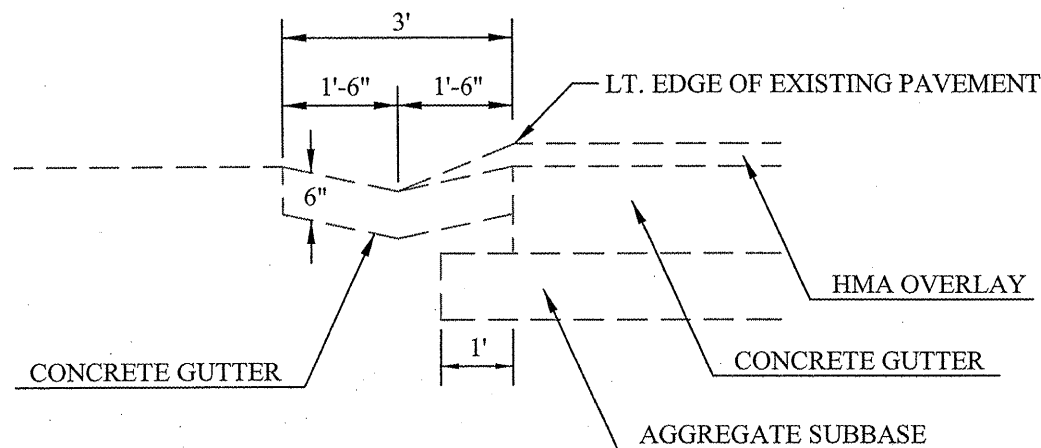
Contract No. 91459

EXISTING TYPICAL CROSS SECTION

STA 795+40.6 TO STA 804+76



*** EXISTING GUTTER DETAIL**
LT STA 798+88 TO LT STA 804+76

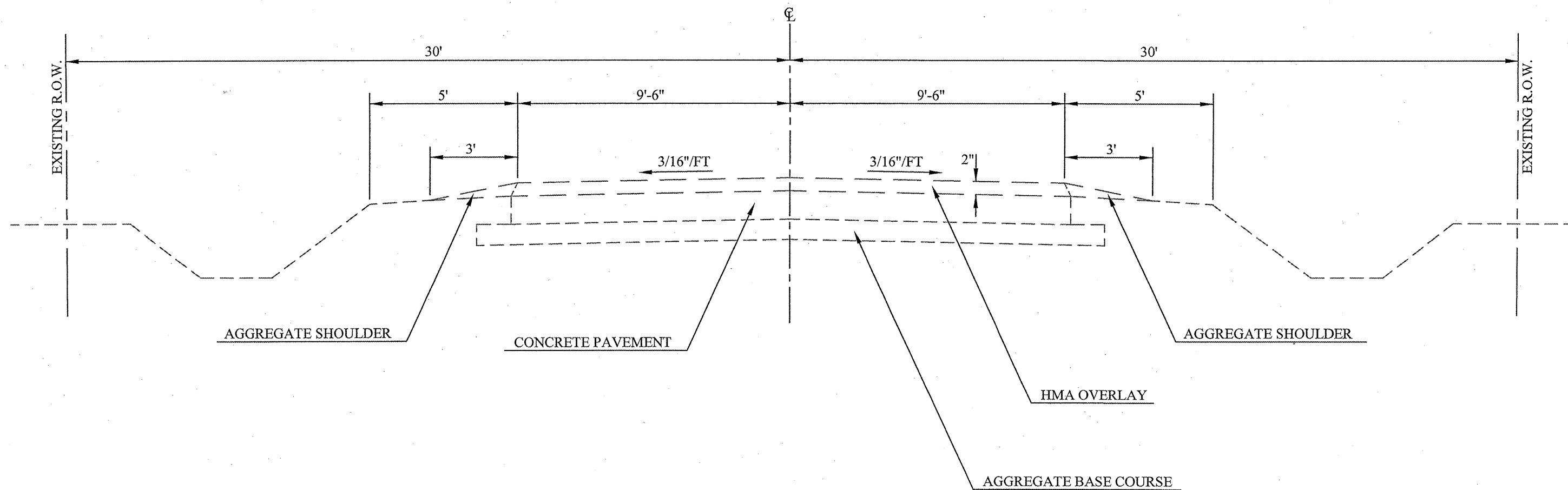


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE EXISTING TYPICAL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	11

Contract No. 91459

EXISTING TYPICAL CROSS SECTION
 (CHAMPAIGN ST. IN ALLERTON)
 STA 7+03 TO STA 10+60



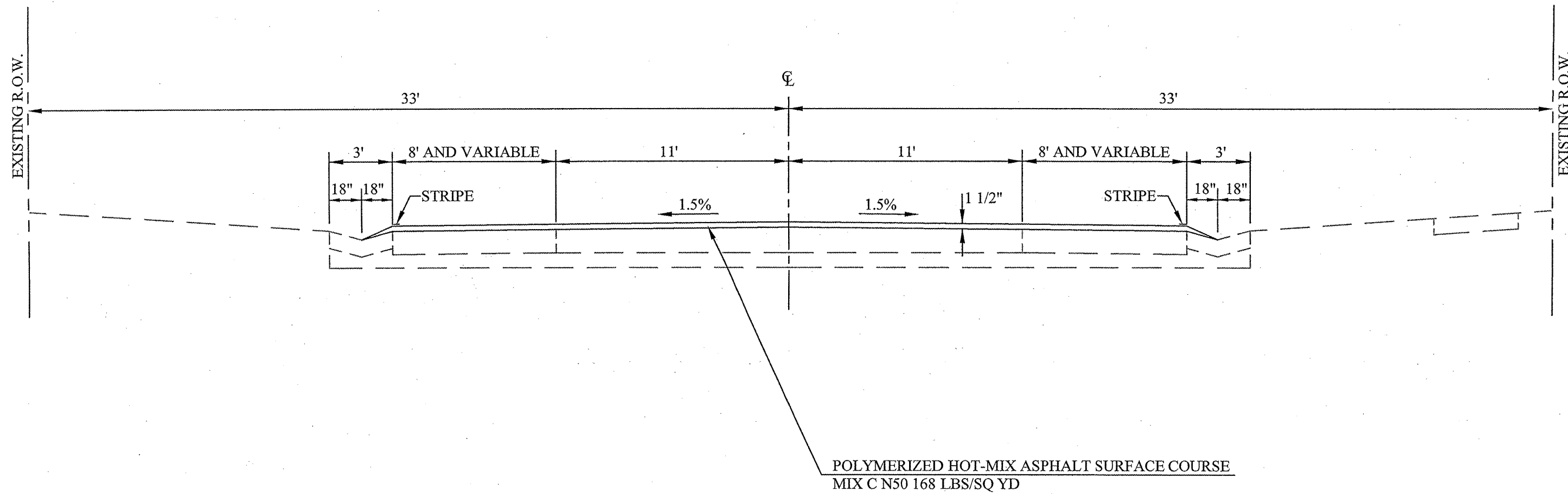
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858	NOT TO SCALE EXISTING TYPICAL
	DSGN: GHS DRN: RST	
	CHK: GHS DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	12

Contract No. 91459

PROPOSED TYPICAL CROSS SECTION

STA 482+66.25 TO 484+41.45



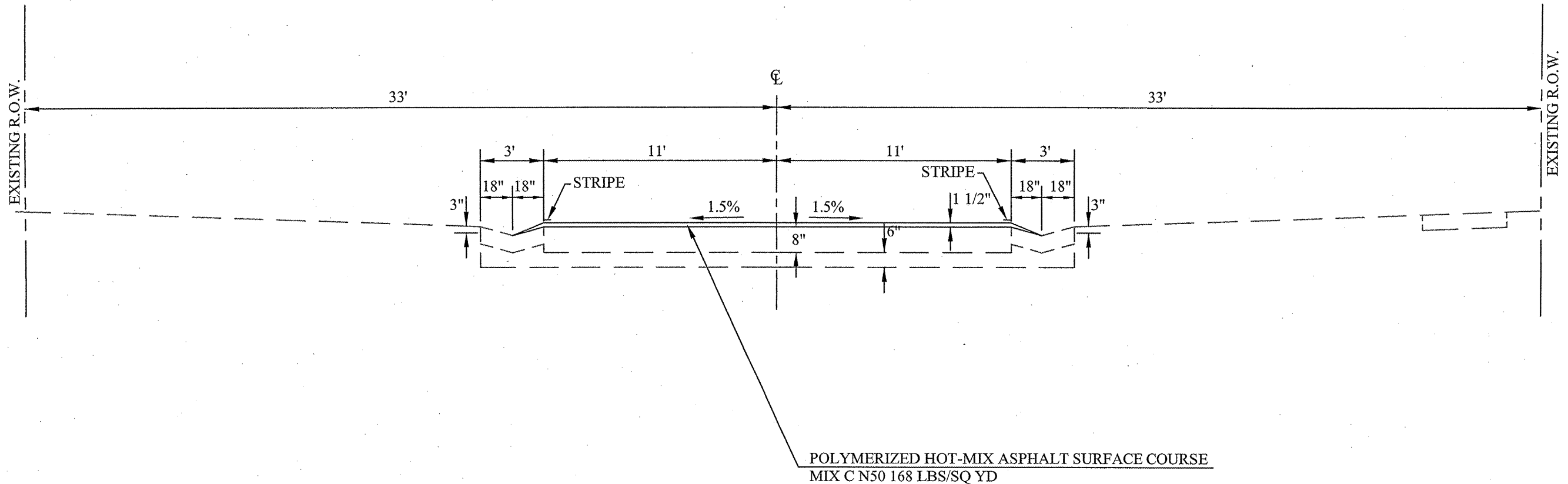
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858	NOT TO SCALE
	DSGN: GHS DRN: RST	PROPOSED TYPICAL
	CHK: GHS DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	13

Contract No. 91459

PROPOSED TYPICAL CROSS SECTION

STA 484+41.45 TO STA 491+86



ALLERTON-SIDELL RD. (CH 49)
RESURFACING
SECTION 08-00162-01-RS

Prepared by:
Vermilion County Highway Dept.
2732 Batestown Road
Oakwood, Illinois 61858
DSGN: GHS DRN: RST
CHK: GHS DATE: 1/20/2010

NOT TO SCALE

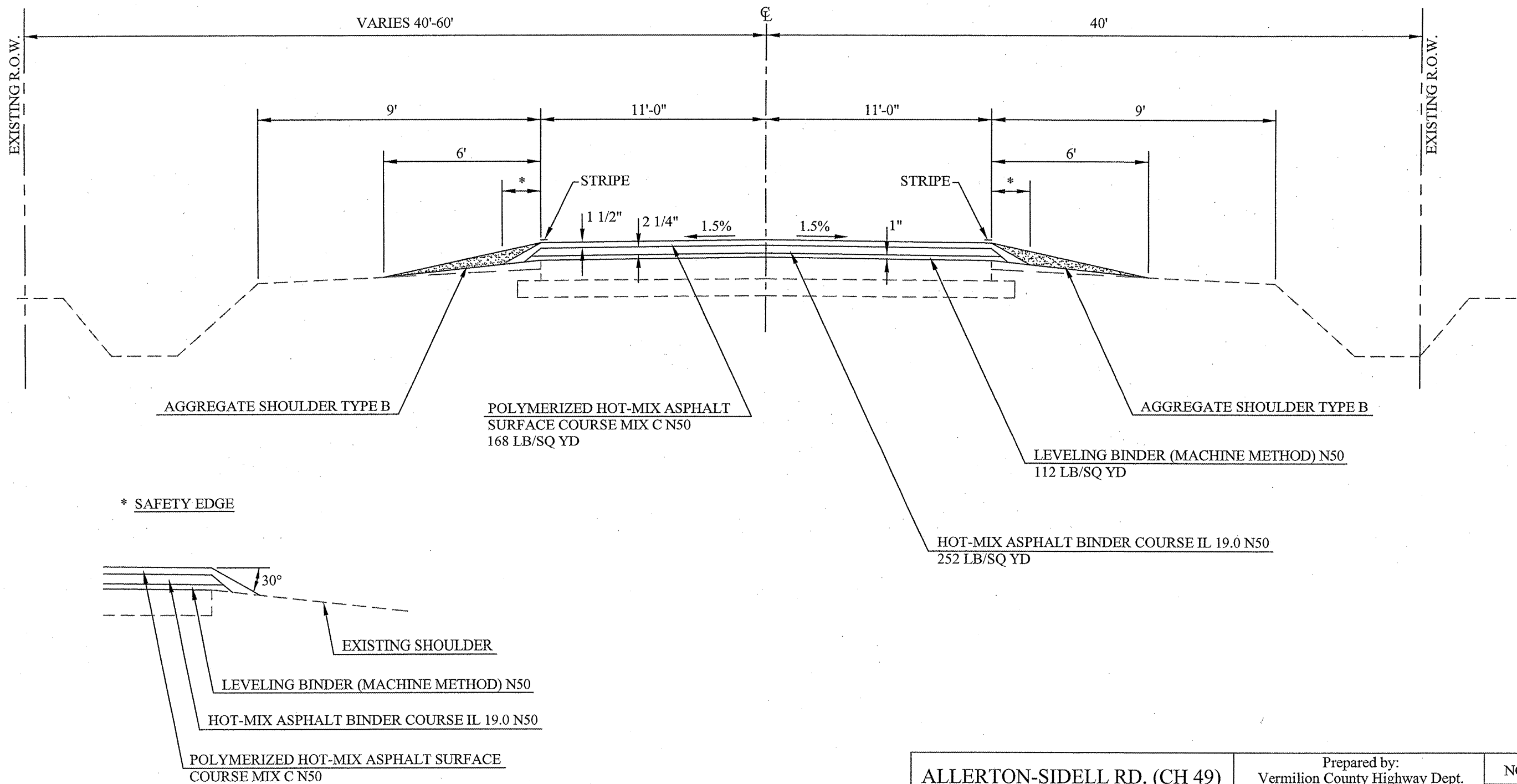
PROPOSED
TYPICAL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	14

Contract No. 91459

PROPOSED TYPICAL CROSS SECTION

STA 491+86 TO STA 717+64
 STA 720+00 TO STA 795+40.6
 STA 804+76 TO STA 805+74.6



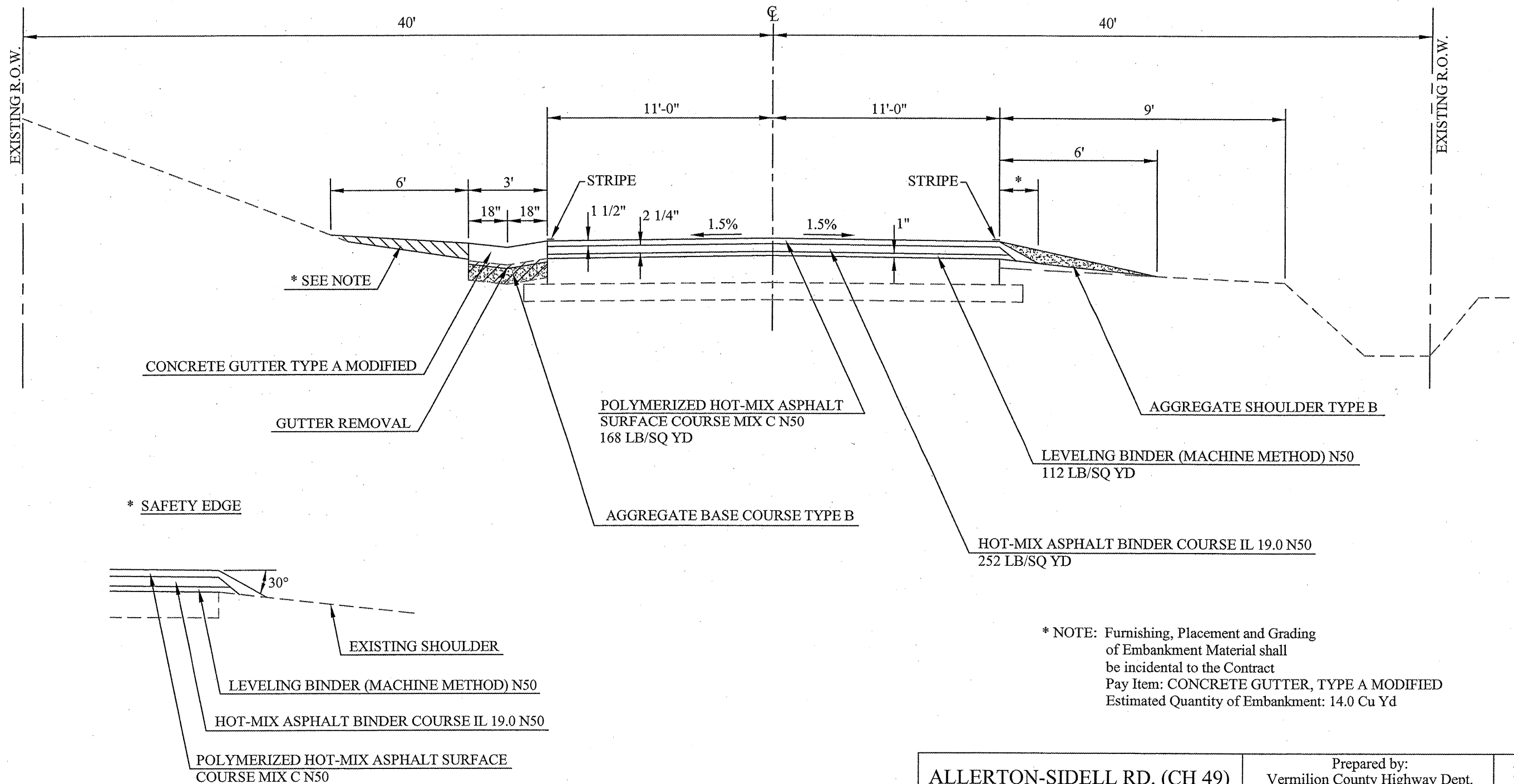
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE PROPOSED TYPICAL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	15

Contract No. 91459

PROPOSED TYPICAL CROSS SECTION

STA 717+64 TO STA 720+00



* NOTE: Furnishing, Placement and Grading of Embankment Material shall be incidental to the Contract
 Pay Item: CONCRETE GUTTER, TYPE A MODIFIED
 Estimated Quantity of Embankment: 14.0 Cu Yd

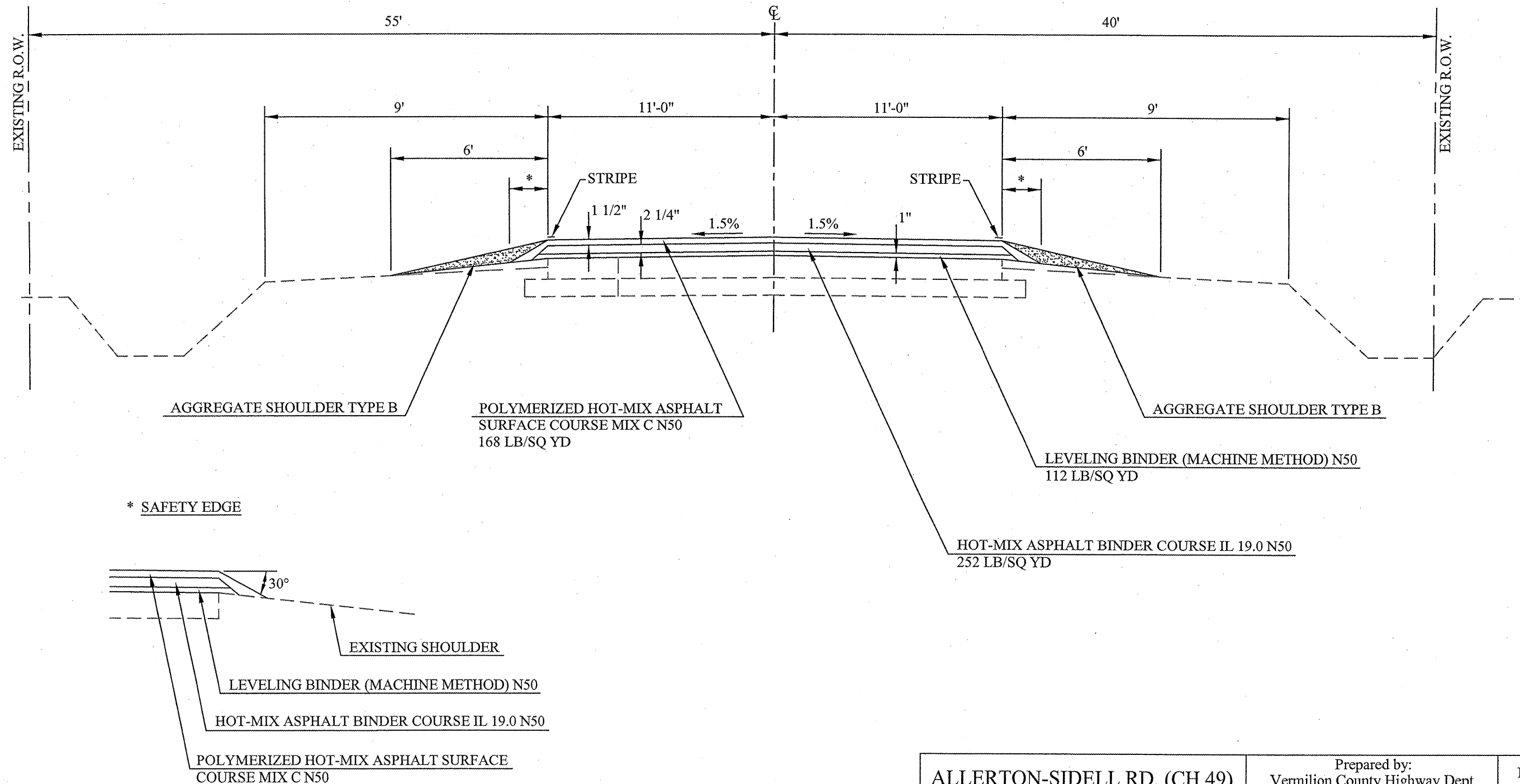
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	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	16

Contract No. 91459

PROPOSED TYPICAL CROSS SECTION

STA 795+40.6 TO STA 798+88



* SAFETY EDGE

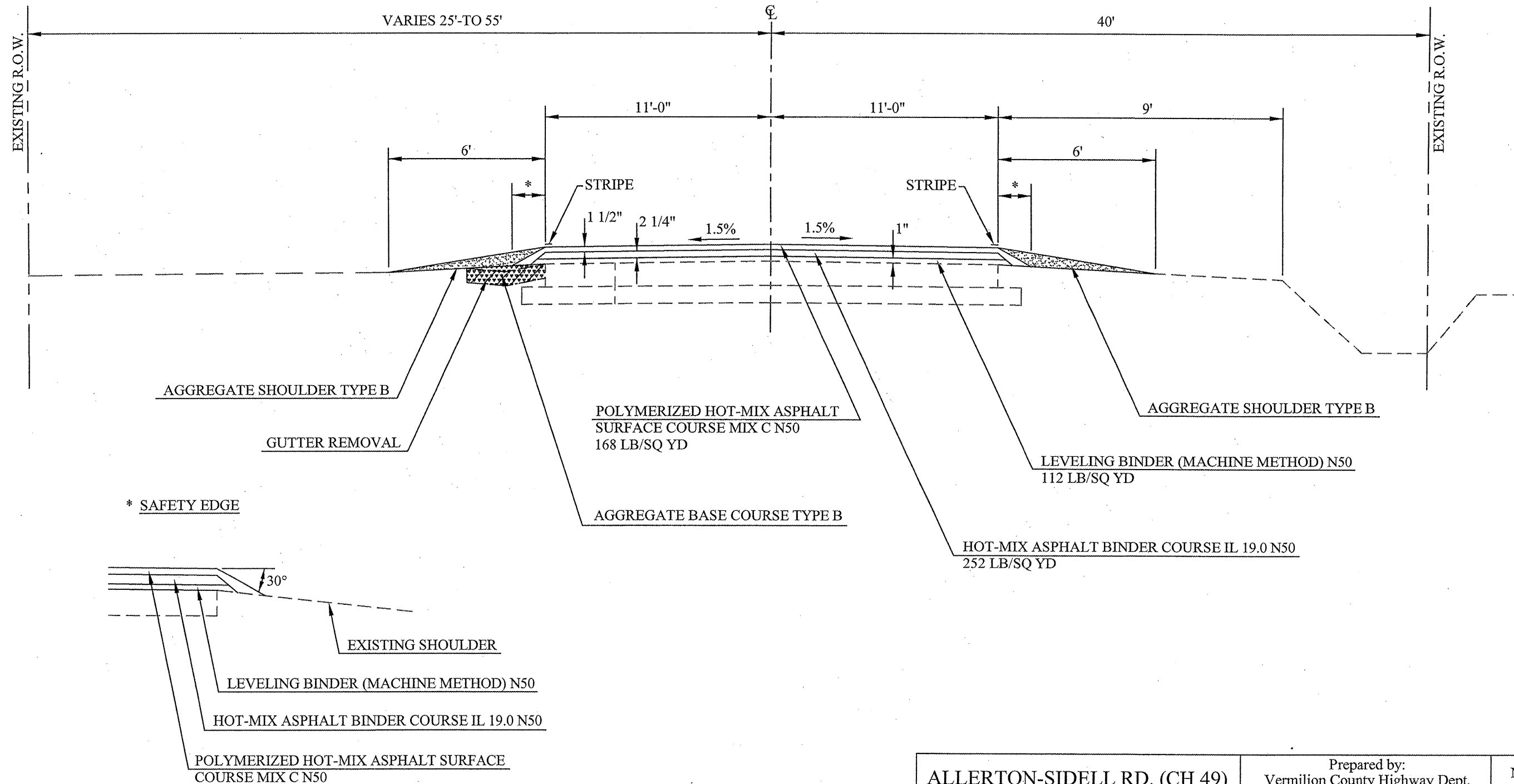
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	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	17

Contract No. 91459

PROPOSED TYPICAL CROSS SECTION

STA 798+88 TO STA 804+76

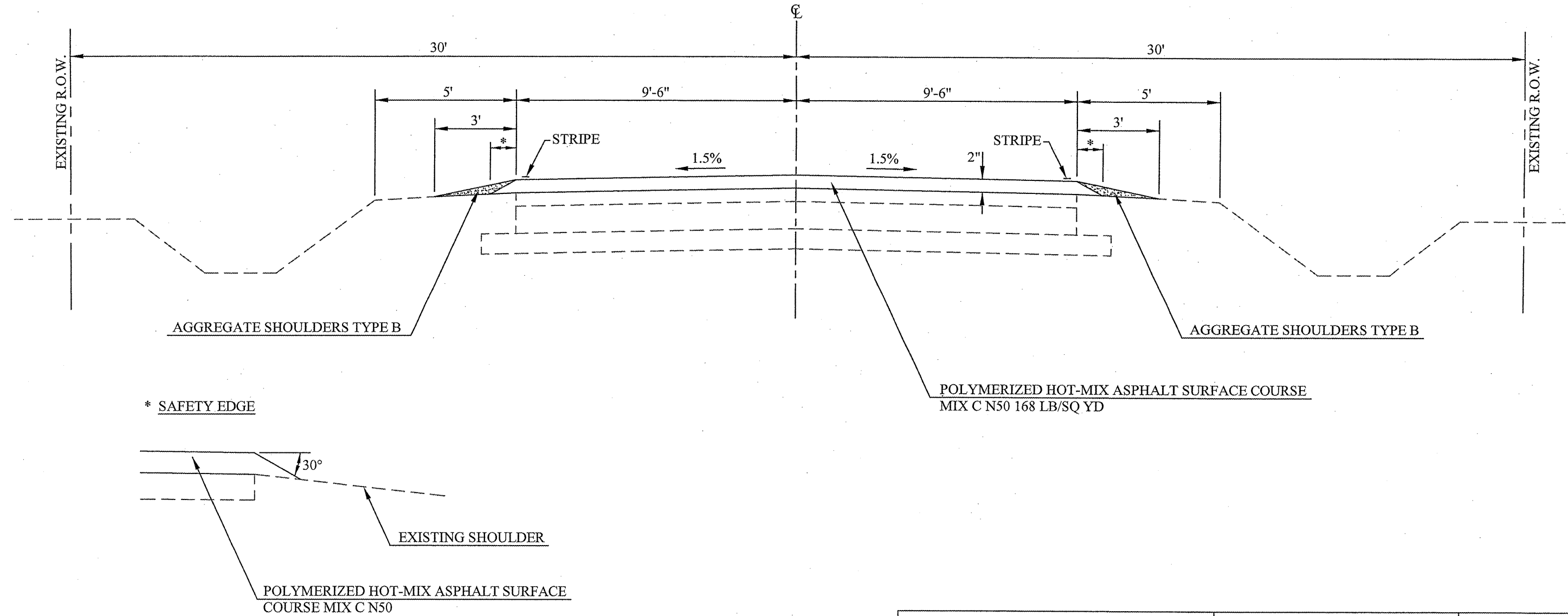


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE PROPOSED TYPICAL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	18

Contract No. 91459

PROPOSED TYPICAL CROSS SECTION
 (CHAMPAIGN ST. IN ALLERTON)
 STA 7+03 TO STA 10+60

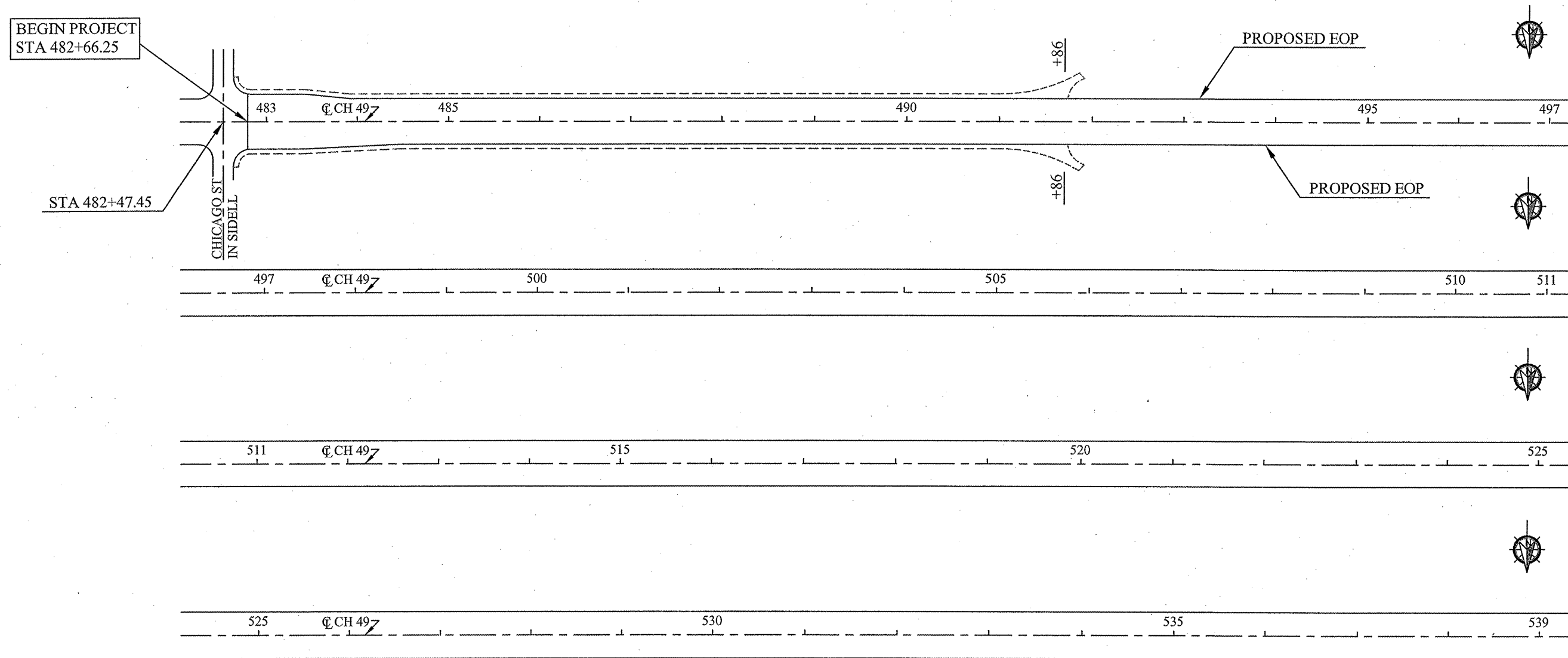


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858	NOT TO SCALE PROPOSED TYPICAL
	DSGN: GHS DRN: RST	
	CHK: GHS DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	19

Contract No. 91459

LOCATION MAP
STA 482+47.45 TO STA 539+00

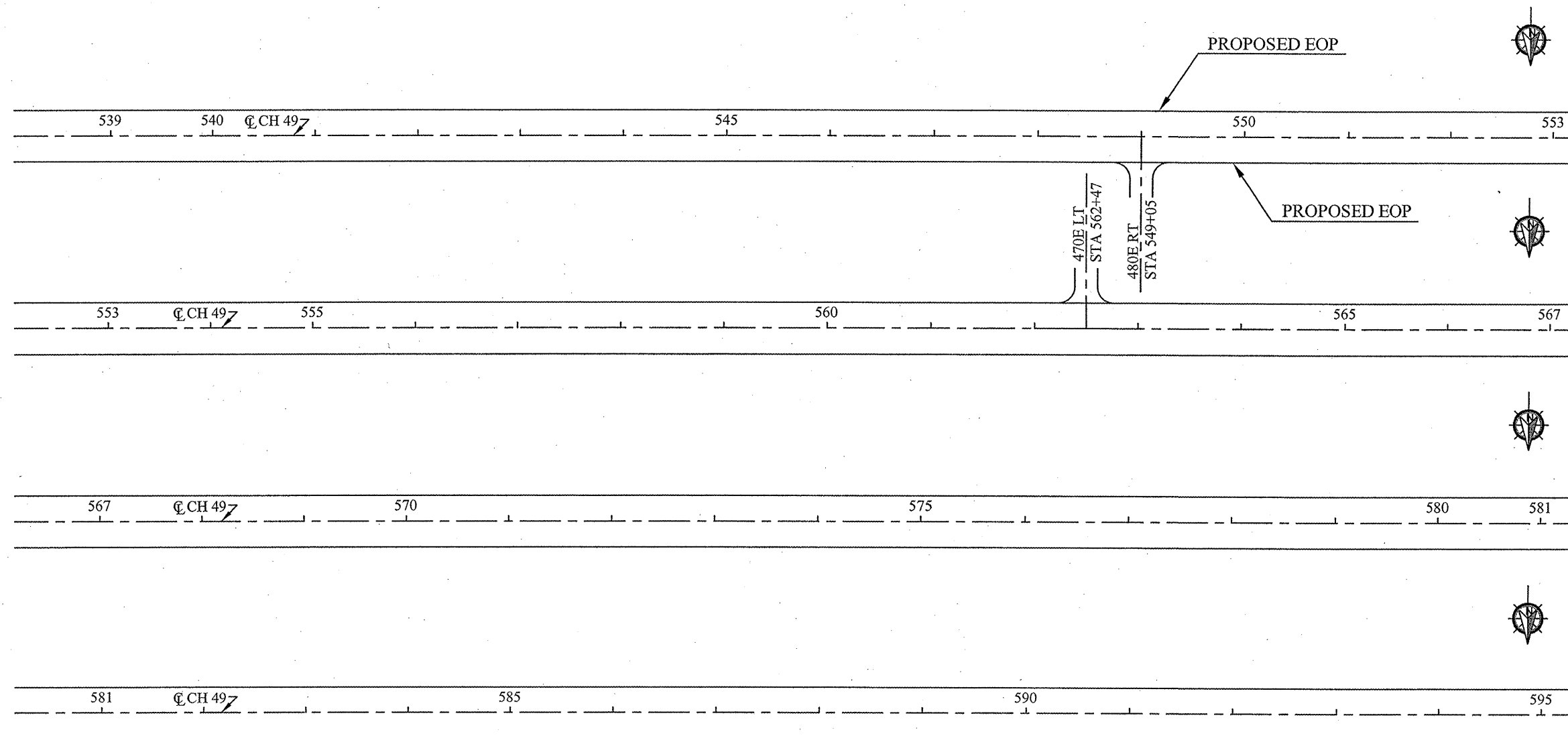


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE DETAILED LOCATION MAP
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	20

Contract No. 91459

LOCATION MAP
STA 539+00 TO STA 595+00

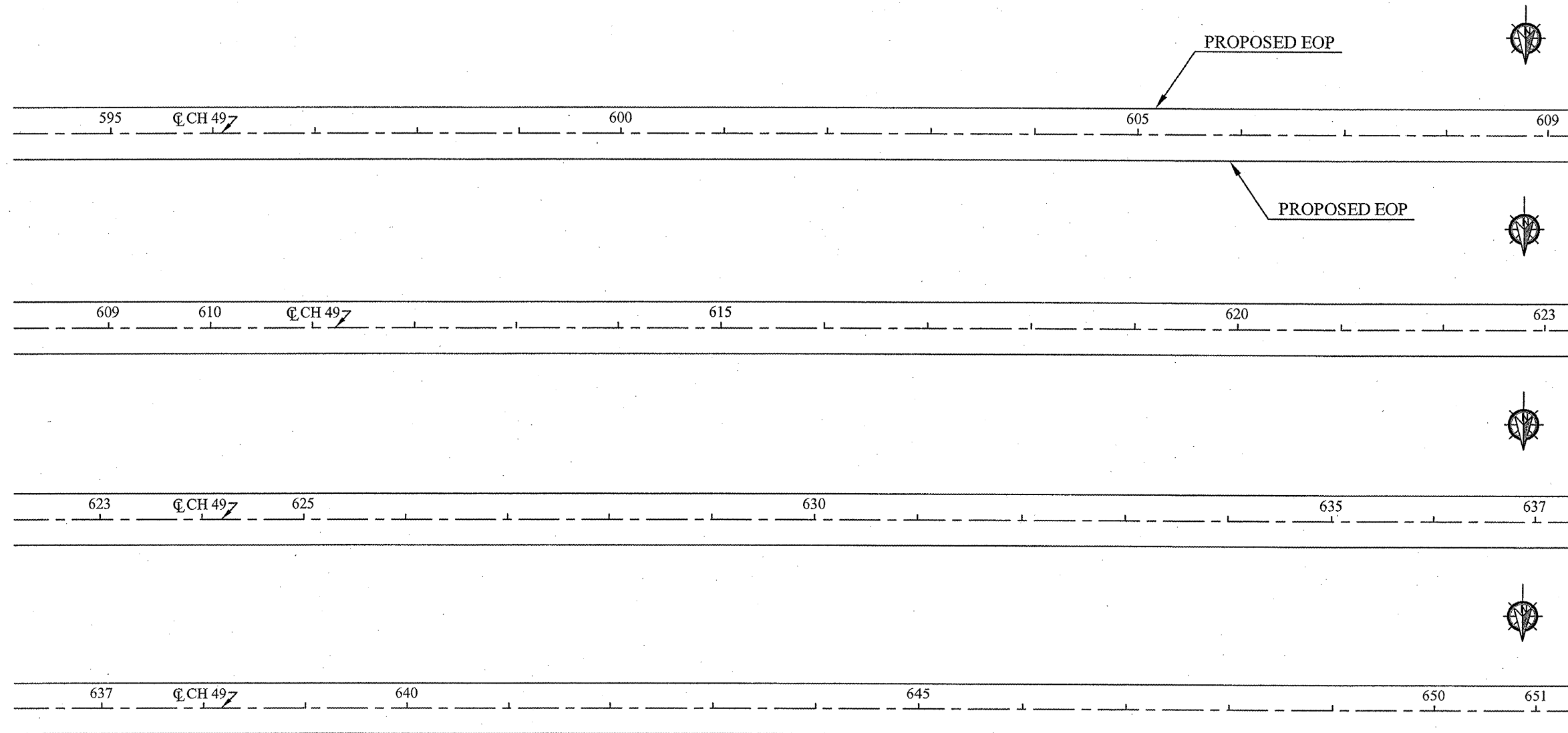


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE DETAILED LOCATION MAP
	DSGN: GHS CHK: GHS	DRN: RST DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	21

Contract No. 91459

LOCATION MAP
STA 595+00 TO STA 651+00

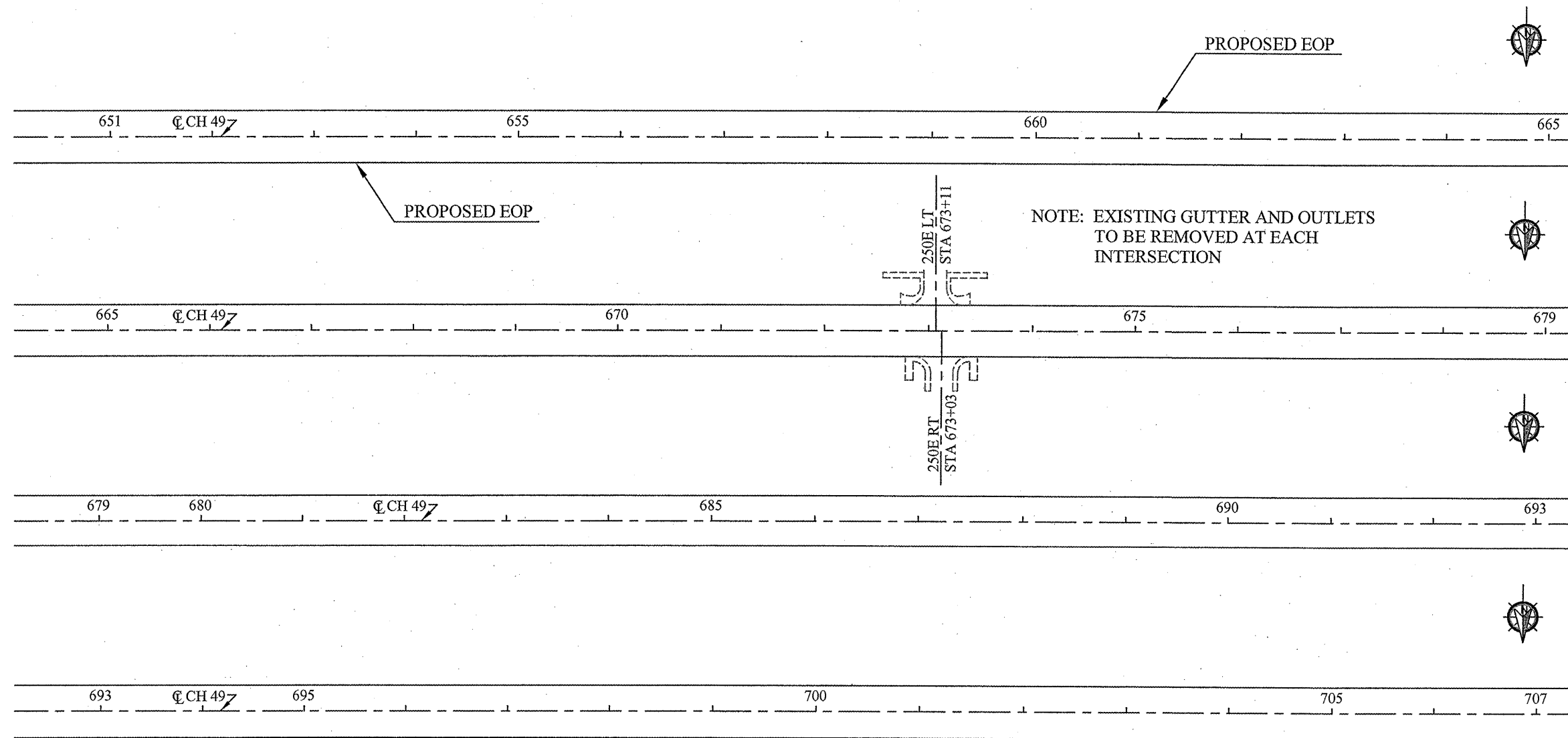


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE DETAILED LOCATION MAP
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	22

Contract No. 91459

LOCATION MAP
STA 651+00 TO STA 707+00

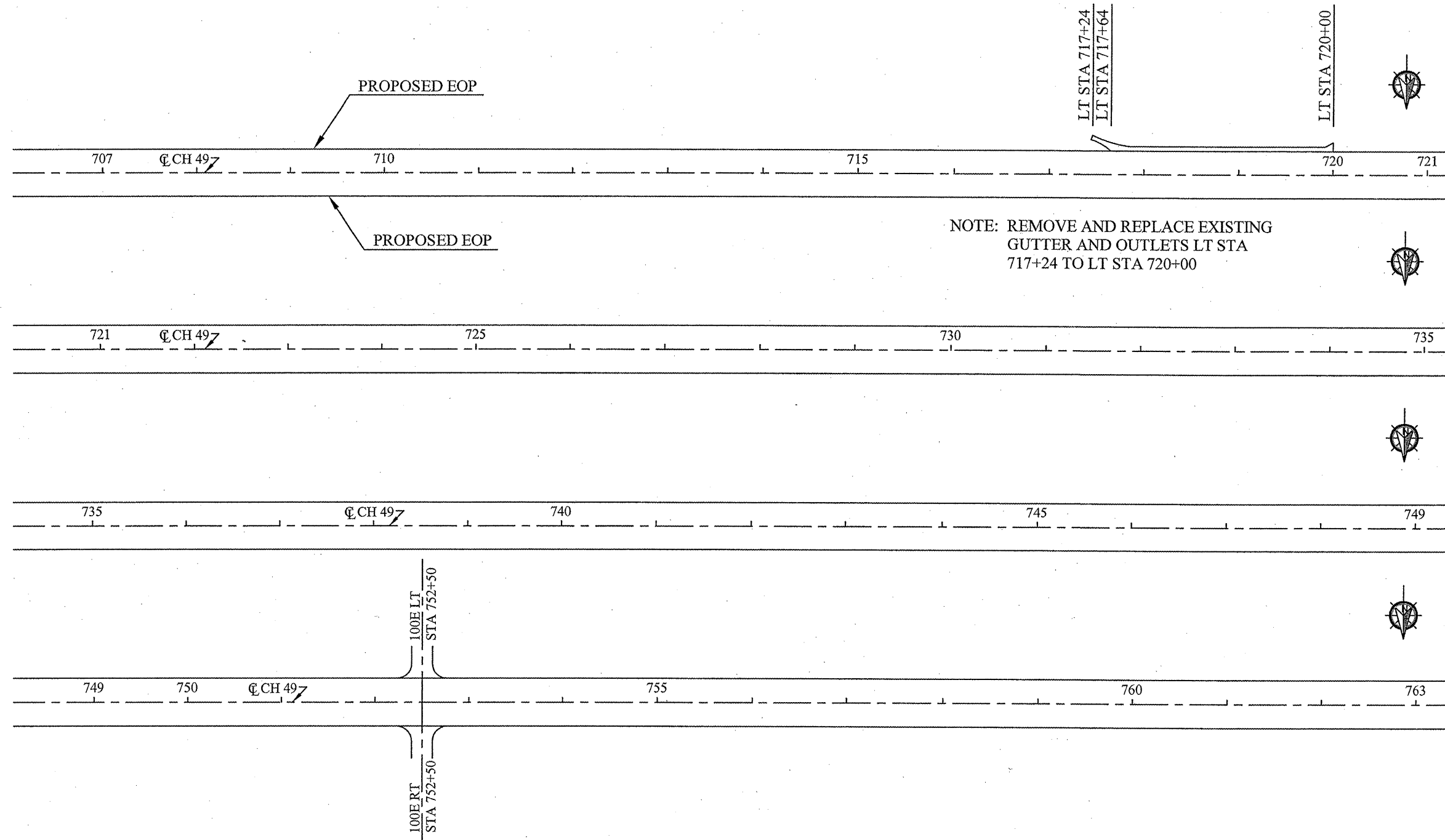


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE DETAILED LOCATION MAP
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	23

Contract No. 91459

LOCATION MAP
STA 707+00 TO STA 763+00



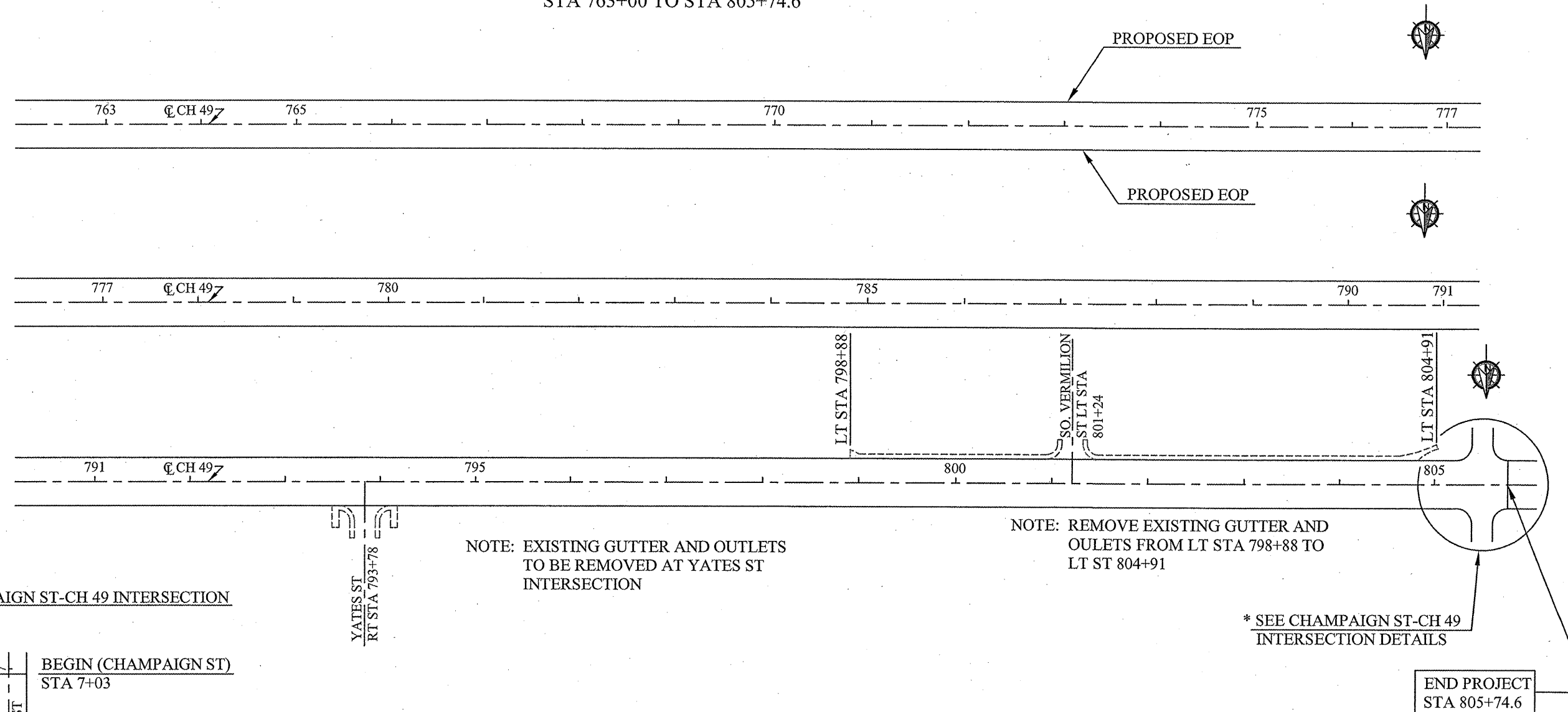
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE DETAILED LOCATION MAP
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	24

Contract No. 91459

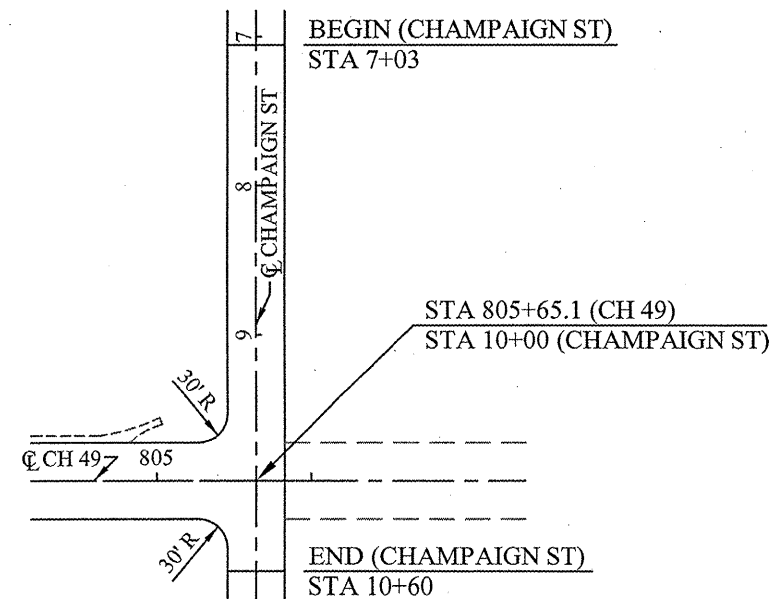
LOCATION MAP

STA 763+00 TO STA 805+74.6



* DETAILS-CHAMPAIGN ST-CH 49 INTERSECTION

* SEE CHAMPAIGN ST-CH 49 INTERSECTION DETAILS

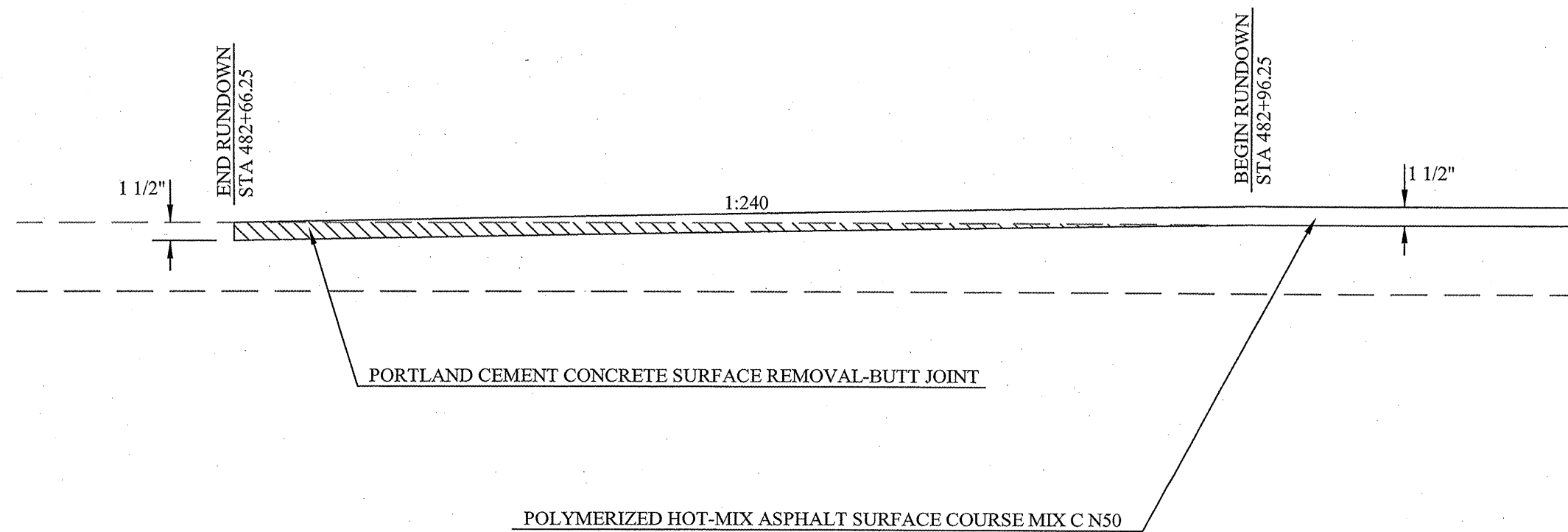


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE DETAILED LOCATION MAP
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	25

Contract No. 91459

RUNDOWN DETAILS
STA 482+66.25 TO STA 482+96.25

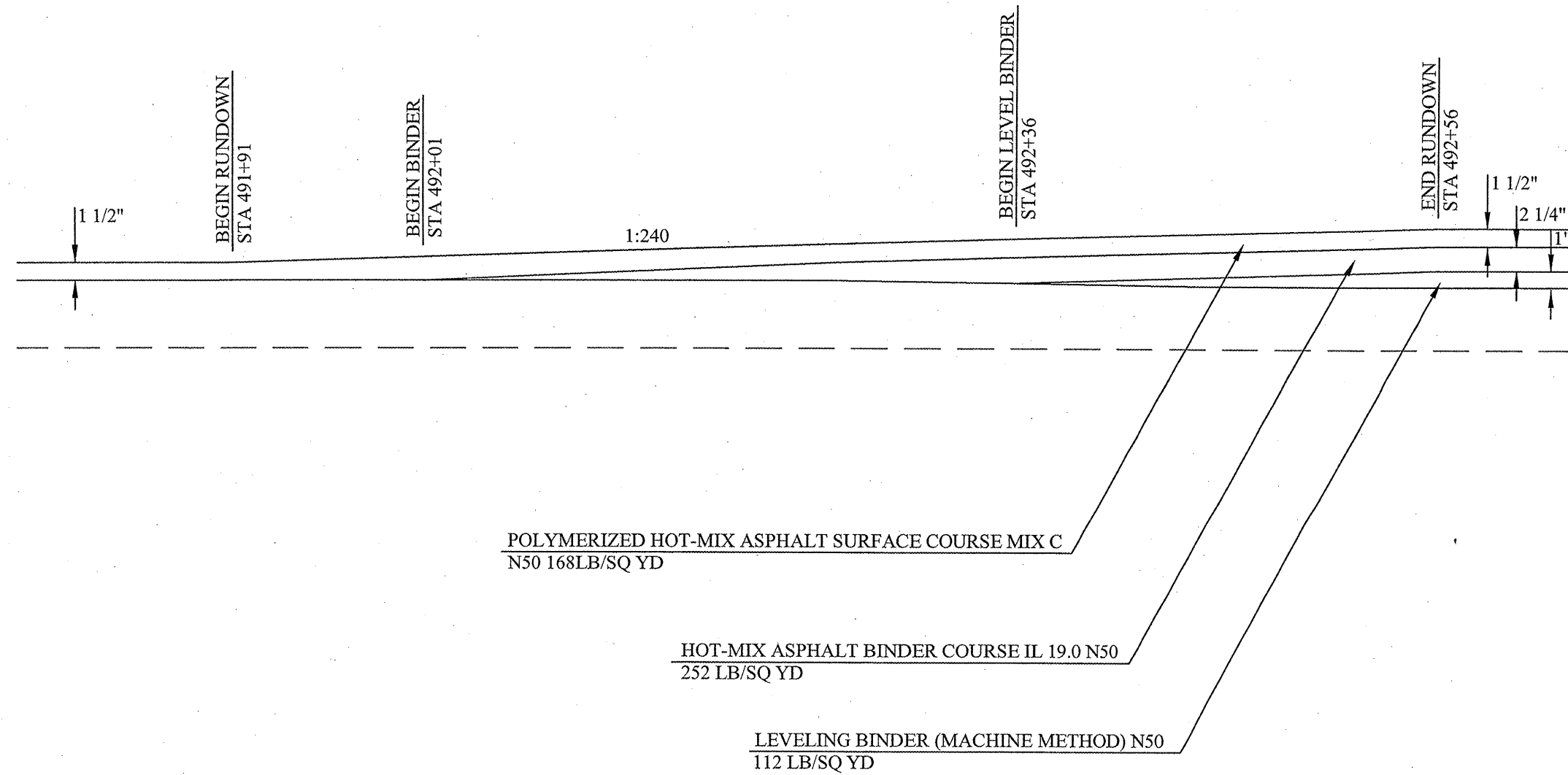


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE
	DSGN: GHS CHK: GHS	DRN: RST DATE: 1/20/2010	SPECIAL DETAIL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	26

Contract No. 91459

RUNDOWN DETAILS
STA 491+91 TO STA 492+56

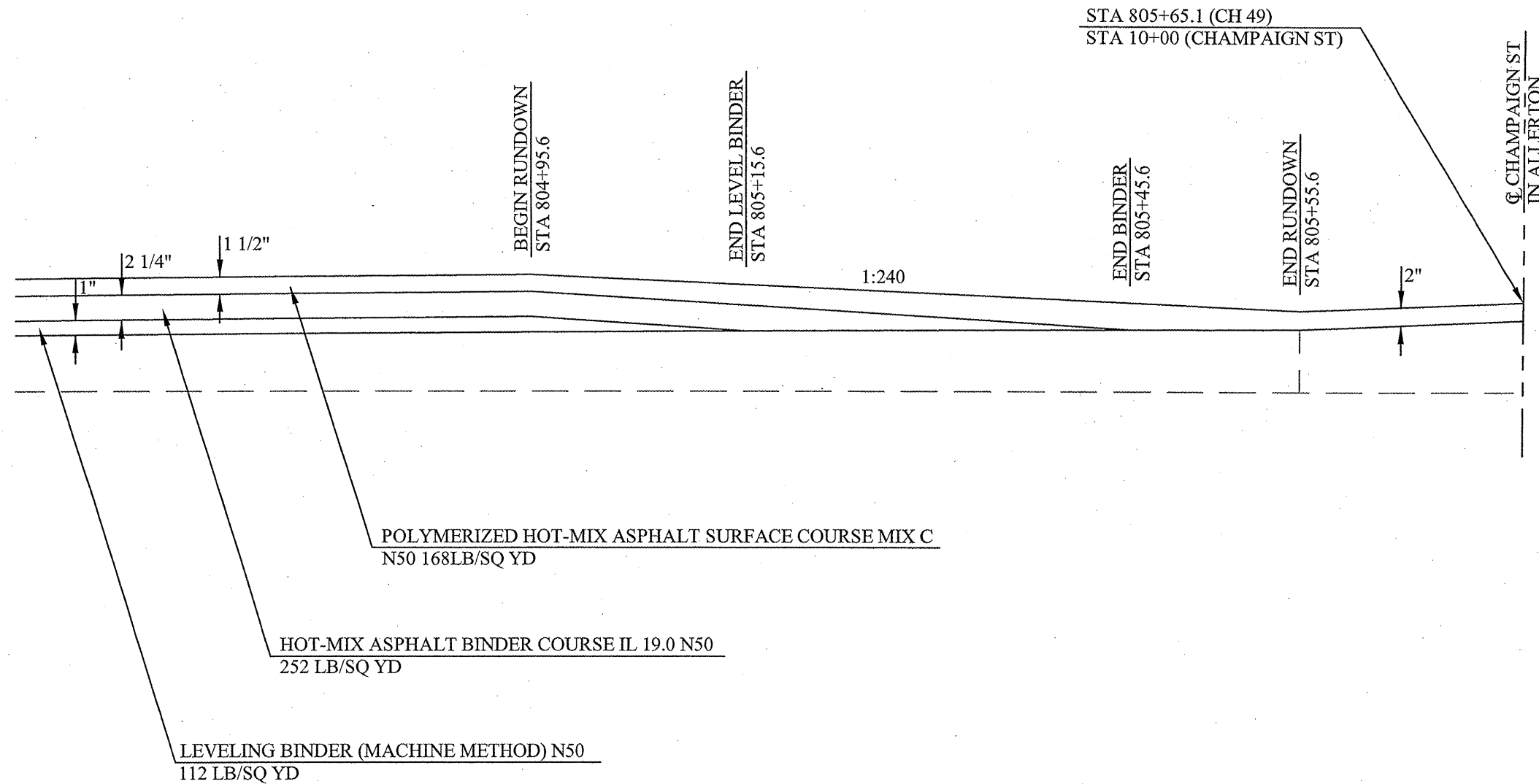


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batesown Road Oakwood, Illinois 61858		NOT TO SCALE
	DSGN: GHS CHR: GHS	DRN: RST DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	27

Contract No. 91459

RUNDOWN DETAILS
STA 804+95.60 TO STA 805+55.60

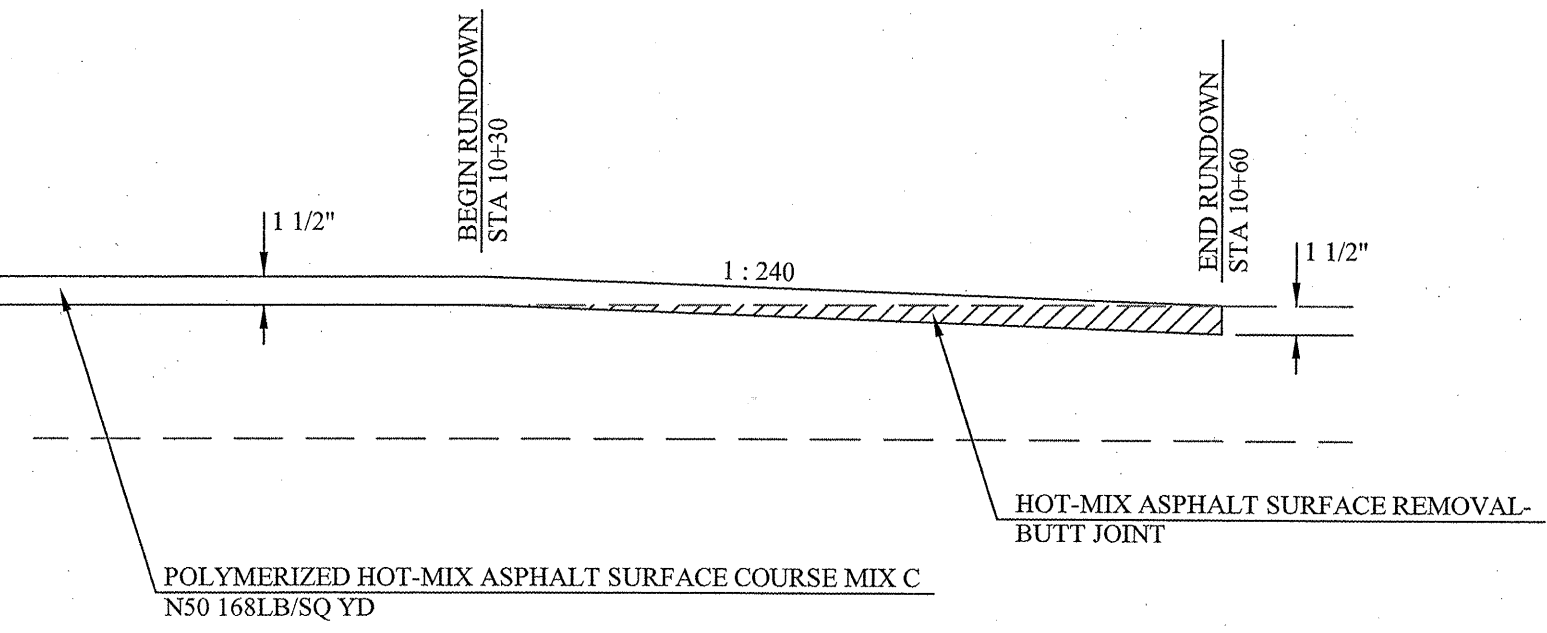
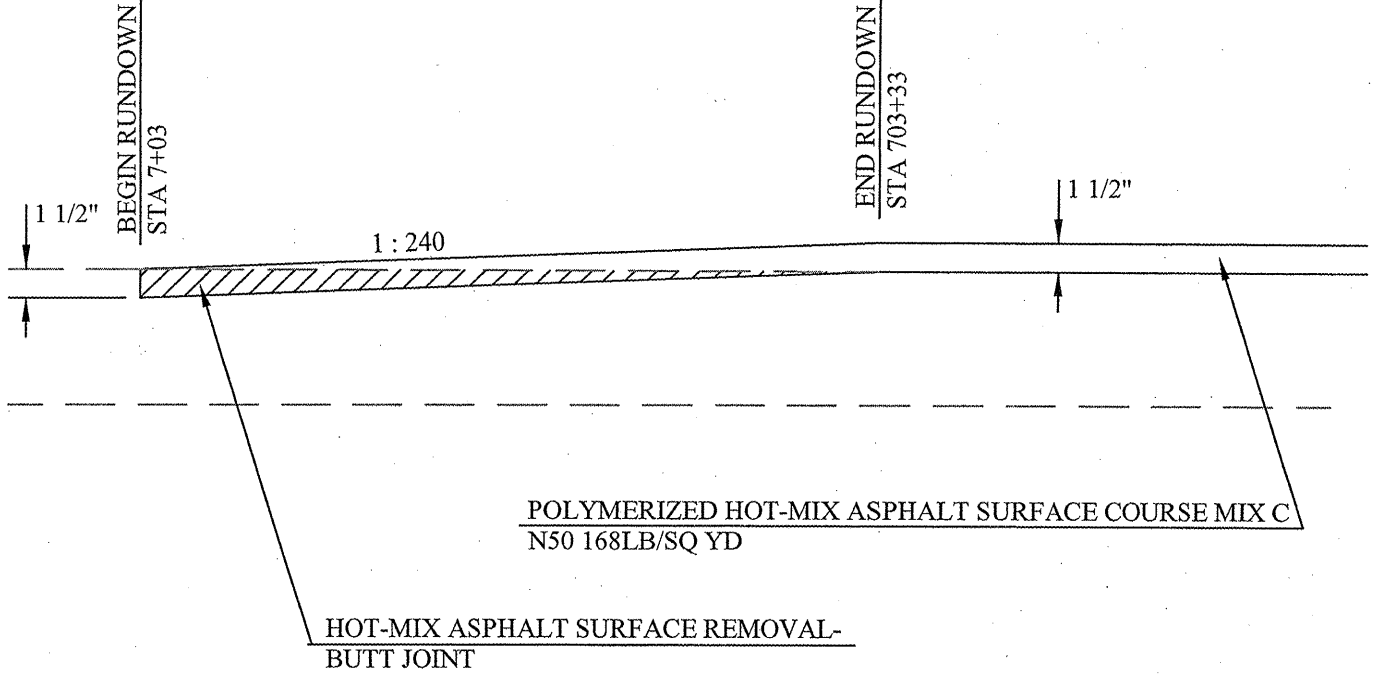


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	28

Contract No. 91459

RUNDOWN DETAILS
CHAMPAIGN ST.

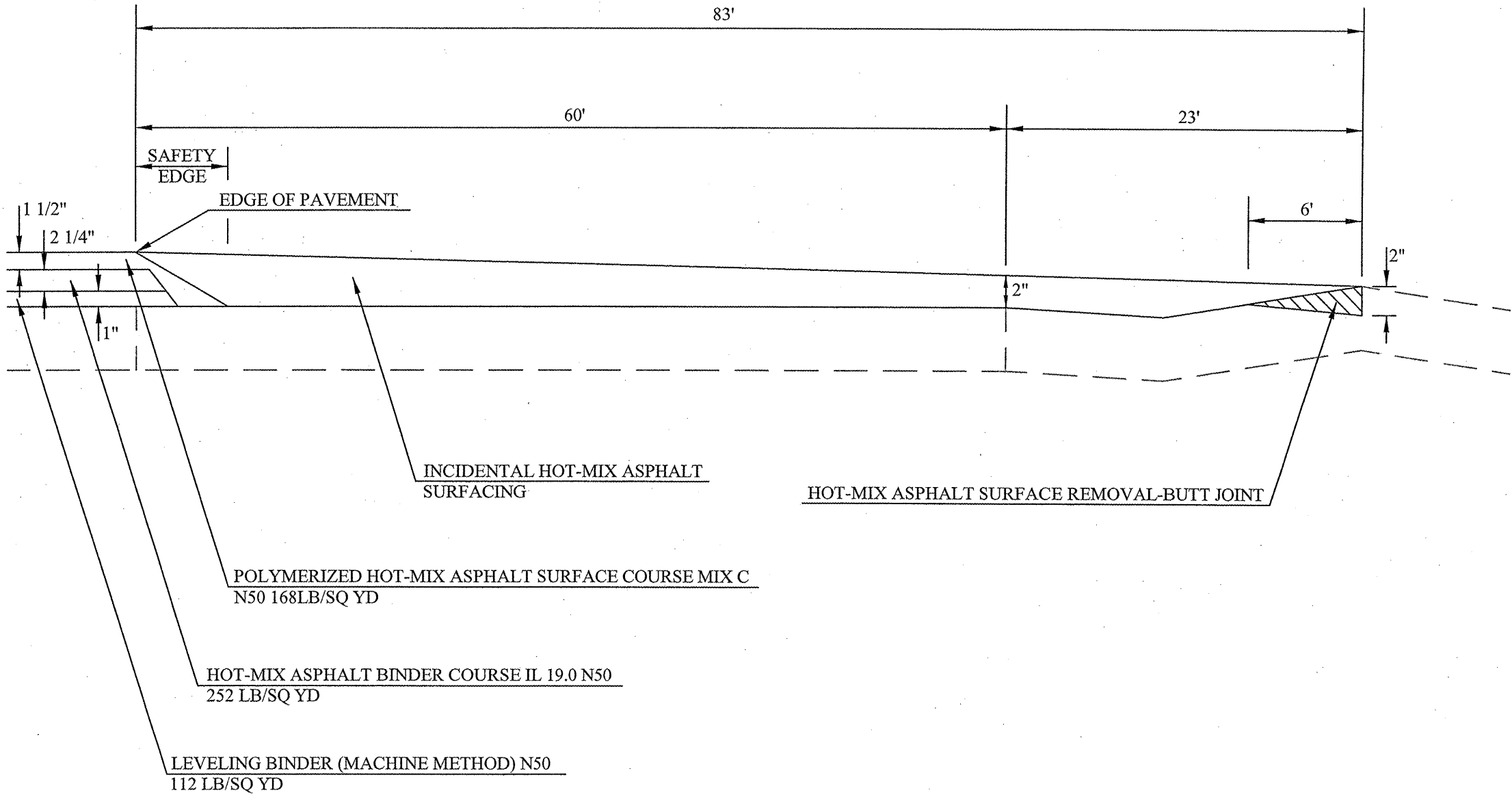


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
	DSGN: GHS CHK: GHS	DRN: RST DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	29

Contract No. 91459

RUNDOWN DETAILS
RT STA 673+03 (SIDEROAD 250 E)

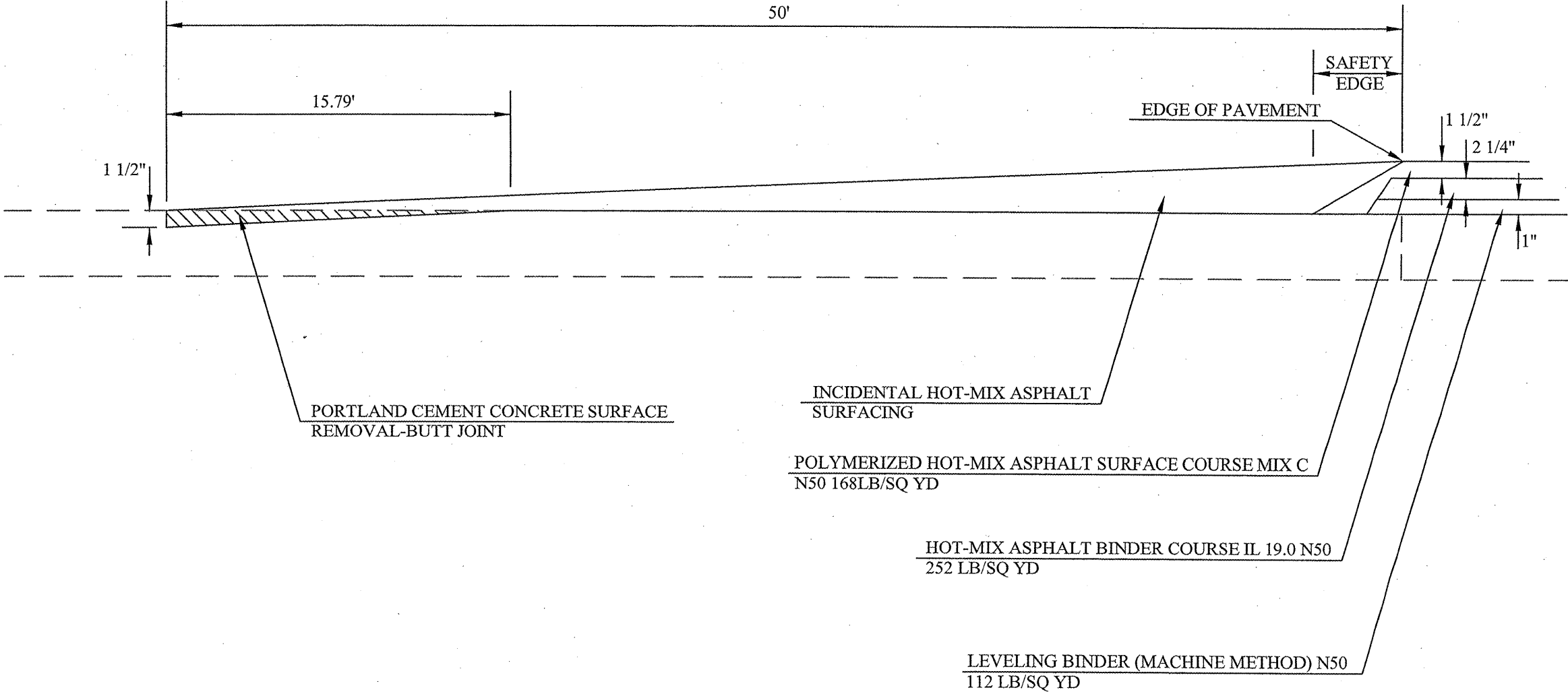


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	30

Contract No. 91459

BUTT JOINT DETAILS
LT STA 673+11 (SIDEROAD 250 E)

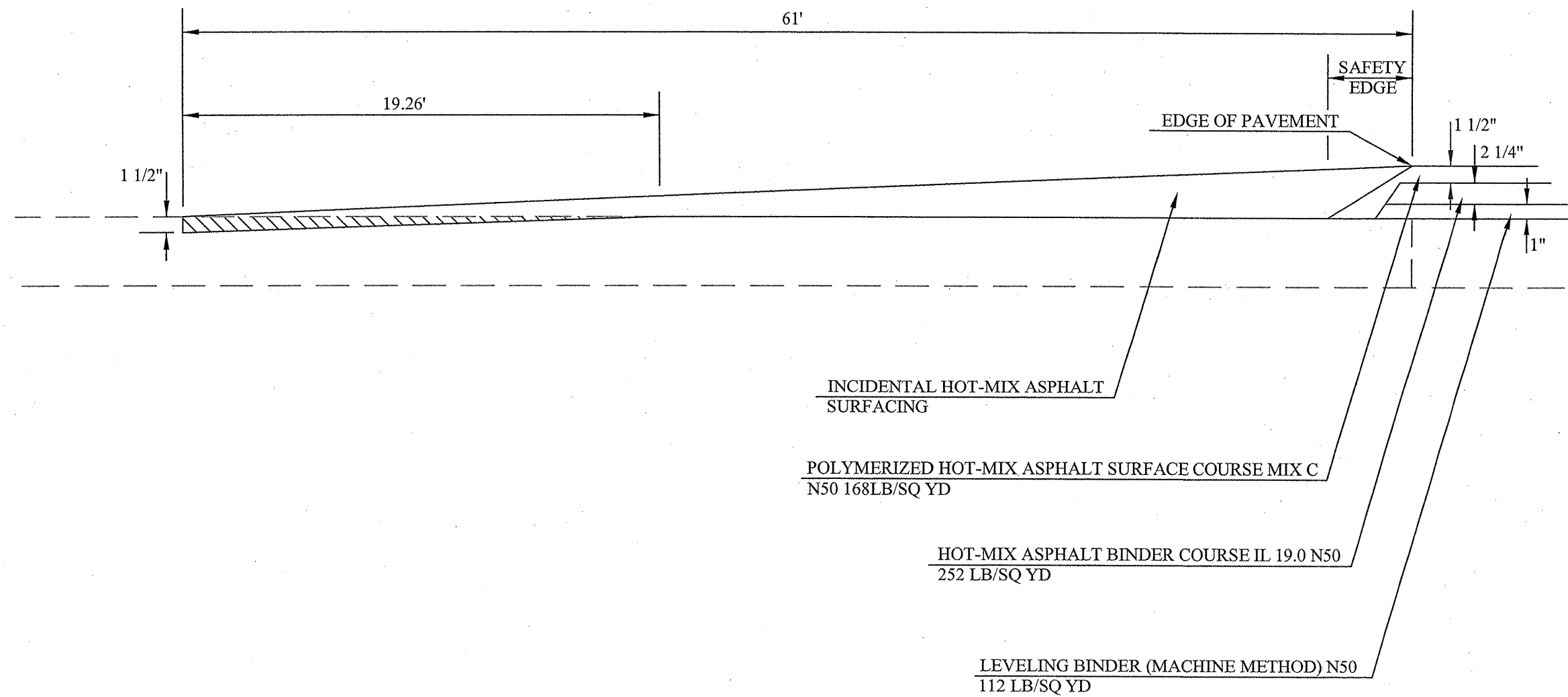


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batesown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	31

Contract No. 91459

RUNDOWN DETAILS
 RT STA 793+78 (YATES STREET)
 LT STA 801+24 (SOUTH VERMILION STREET)



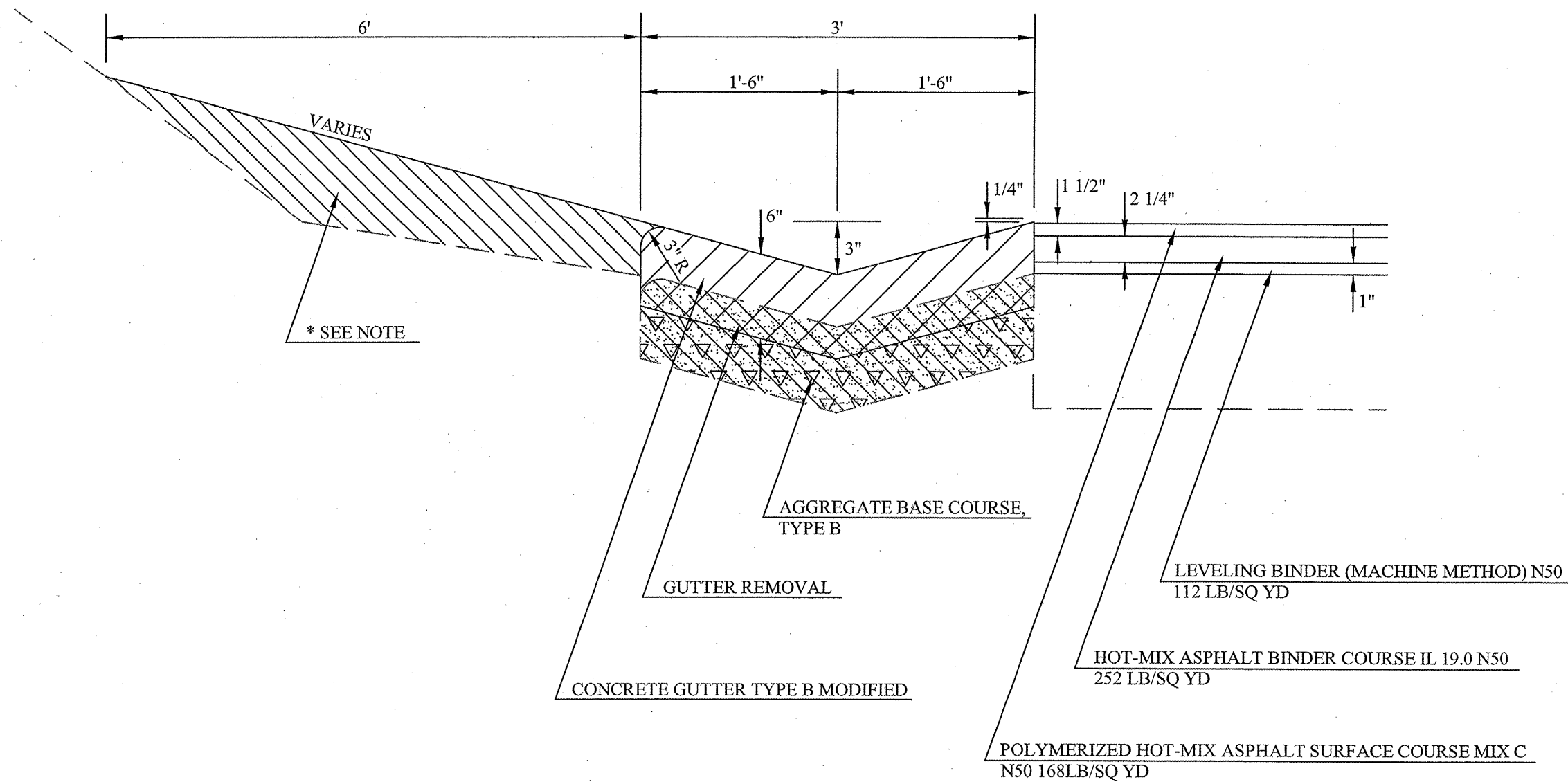
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	DSGN: GHS DRN: RST	SPECIAL DETAIL
	CHK: GHS DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	32

Contract No. 91459

CONCRETE GUTTER DETAILS

LT STA 717+64 TO LT STA 720+00



***NOTE:** Furnishing Placement and Grading of Embankment Material Shall Be Considered as Incidental to The Contract Pay Item
CONCRETE GUTTER TYPE B MODIFIED Estimated Quantity of Embankment Material: 14.0 Cu YD

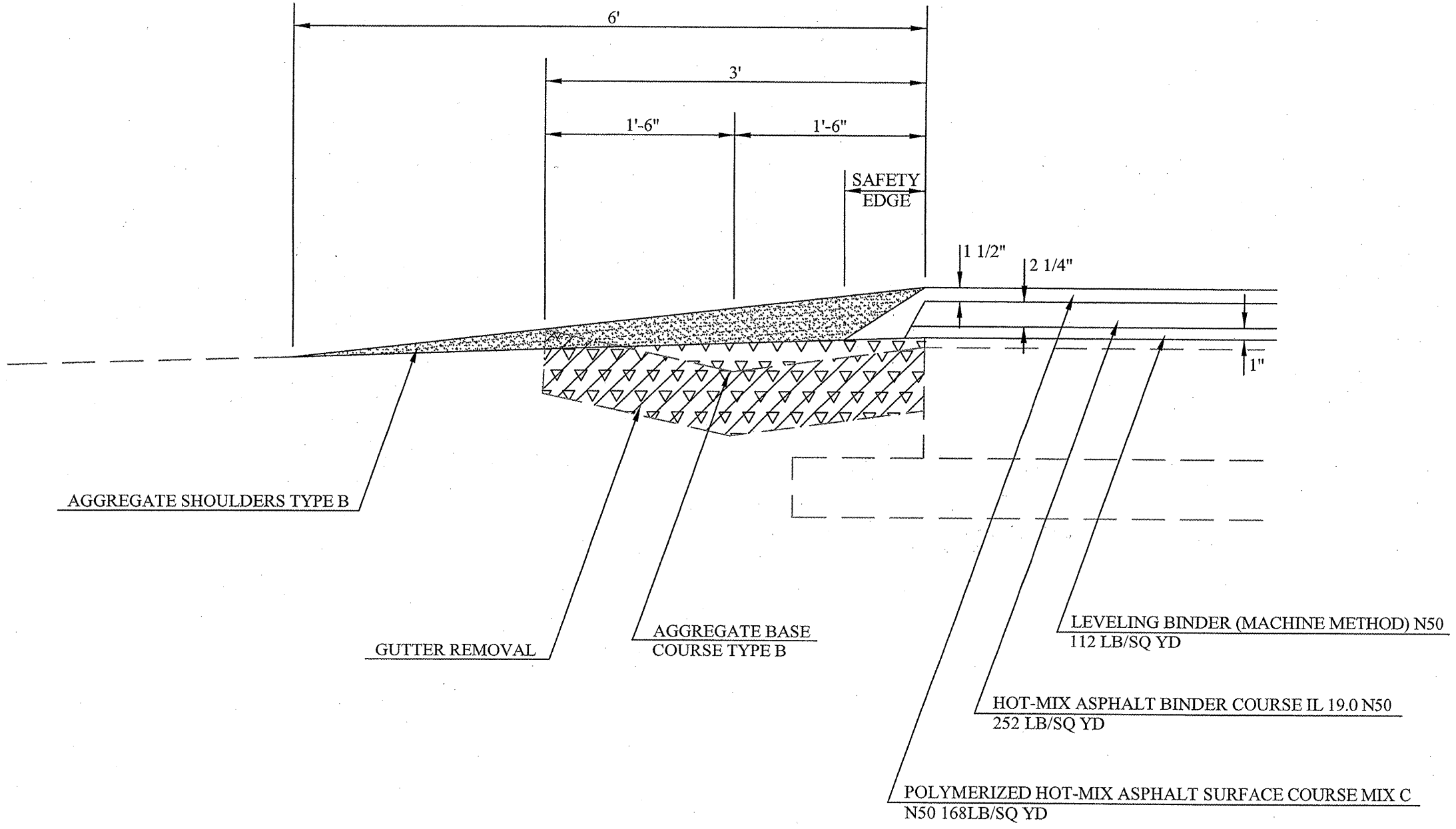
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858	NOT TO SCALE
	DSGN: GHS DRN: RST CHK: GHS DATE: 1/20/2010	SPECIAL DETAIL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	33

Contract No. 91459

CONCRETE GUTTER REMOVAL DETAILS

LT STA 798+88 TO LT STA 804+76



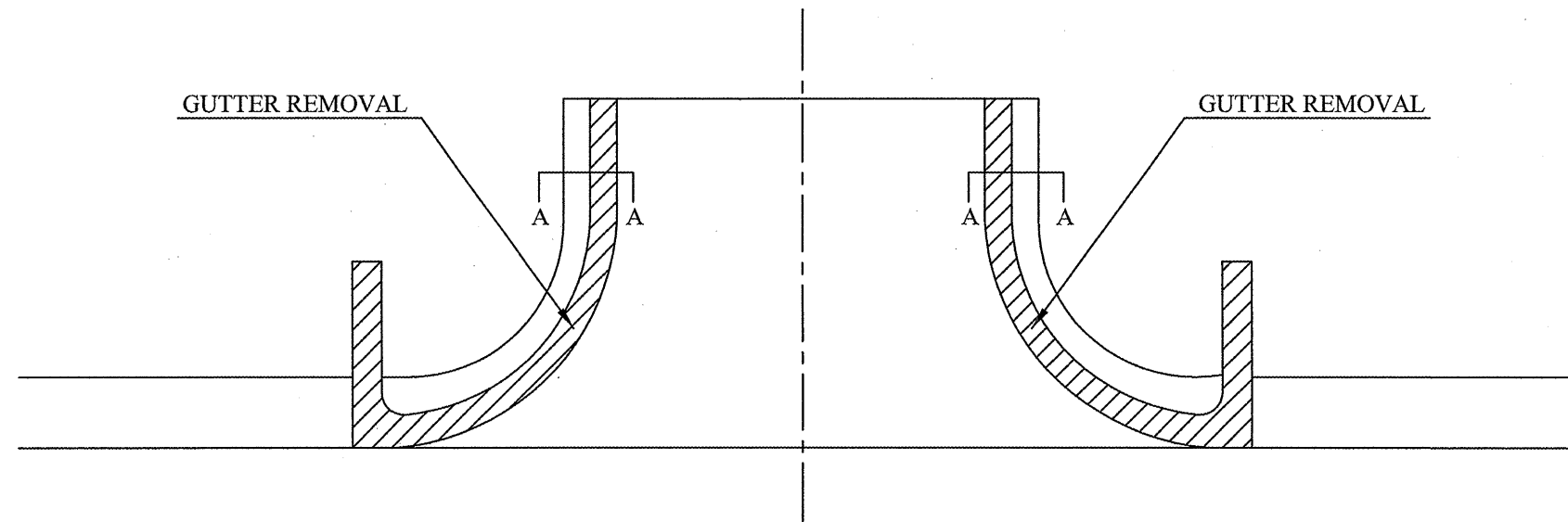
ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	34

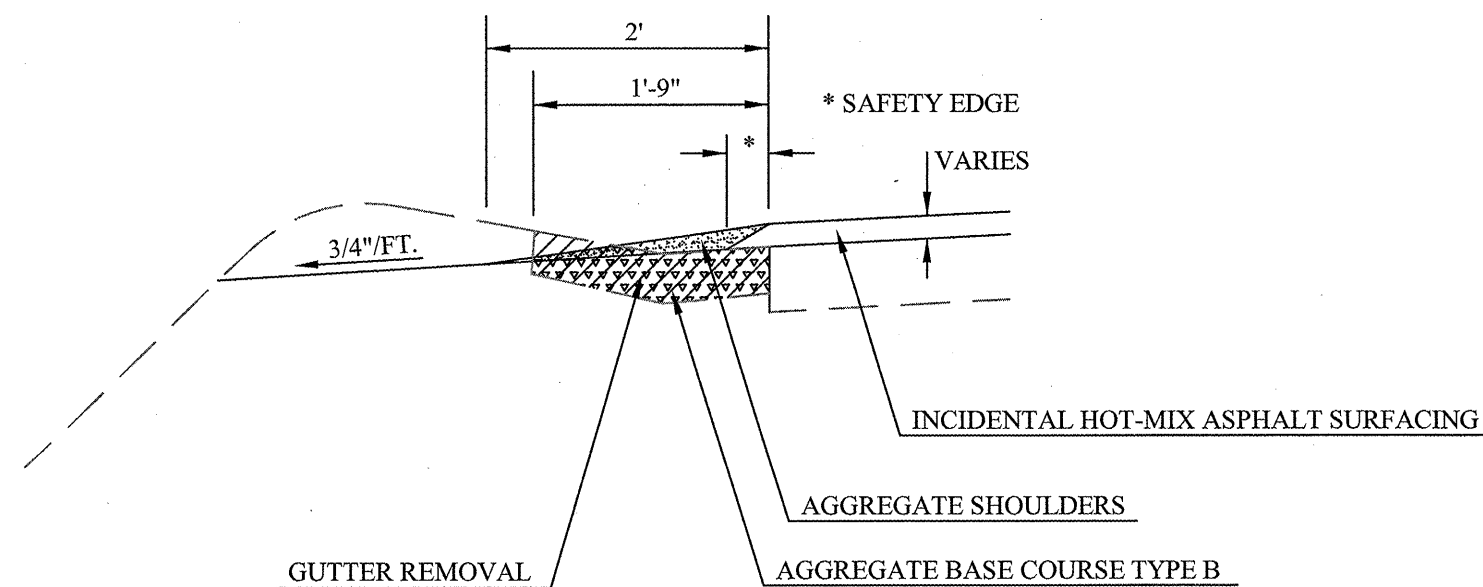
Contract No. 91459

GRADING PLAN DETAILS

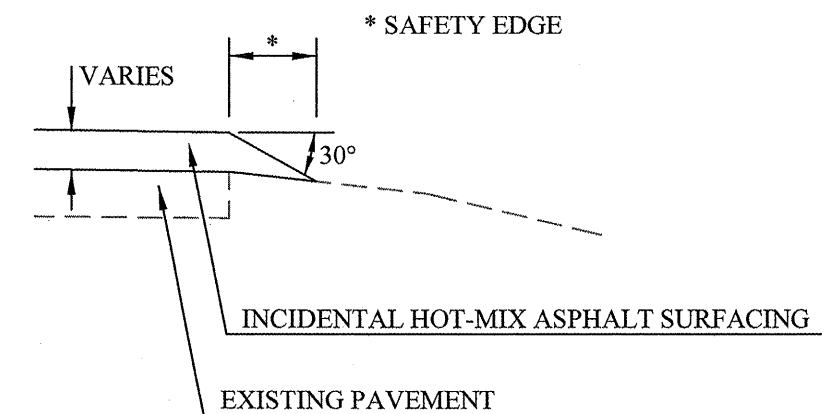
RT STA 673+03 (SIDEROAD 250 N)
 LT STA 673+11 (SIDEROAD 250 N)
 RT STA 793+78 (YATES STREET)



SECTION A-A



SAFETY EDGE DETAIL FOR INTERSECTIONS



ALLERTON-SIDELL RD. (CH 49)
 RESURFACING
 SECTION 08-00162-01-RS

Prepared by:
 Vermilion County Highway Dept.
 2732 Batestown Road
 Oakwood, Illinois 61858

DSGN: GHS	DRN: RST
CHK: GHS	DATE: 1/20/2010

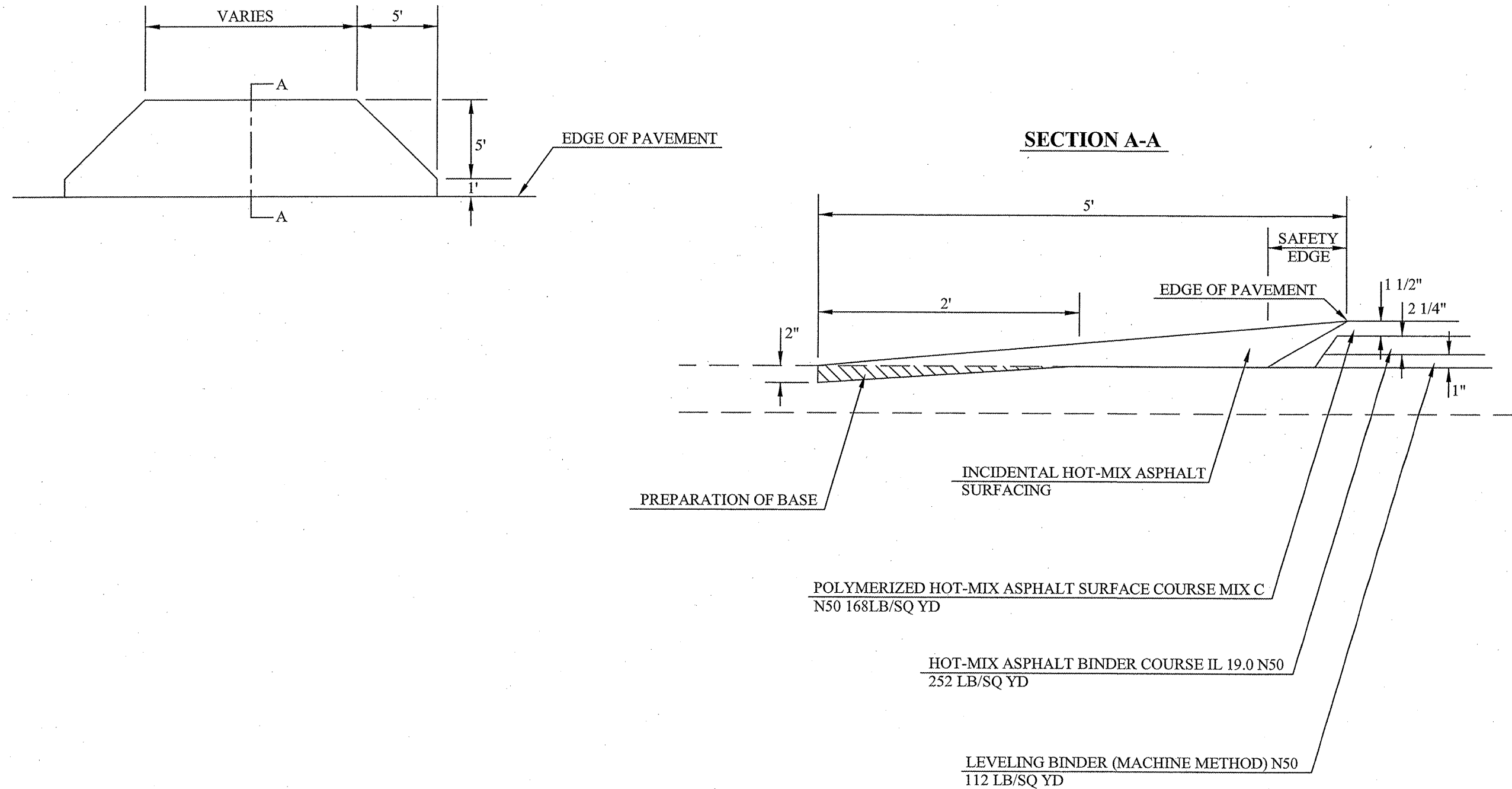
NOT TO SCALE

SPECIAL
 DETAIL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	35

Contract No. 91459

**INCIDENTAL HOT MIX ASPHALT
SURFACING DETAILS FOR AGGREGATE ENTRANCES**



ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

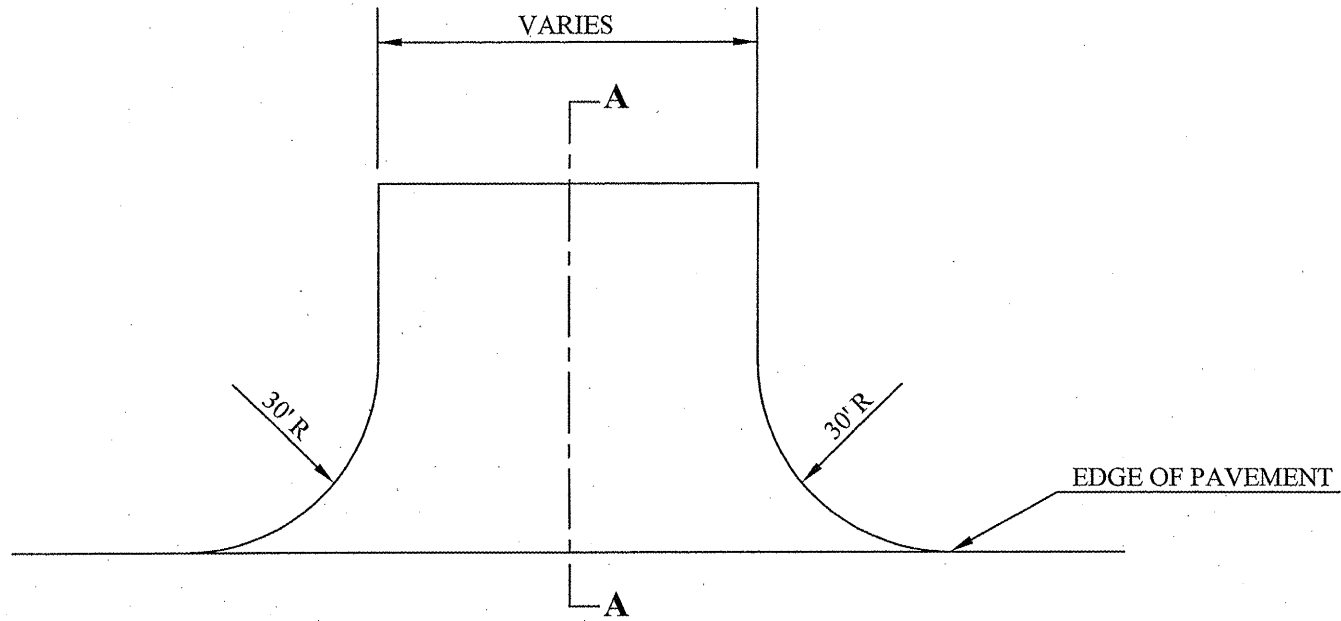
INCIDENTAL HOT MIX ASPHALT

SURFACING DETAILS FOR OIL AN CHIP INTERSECTIONS

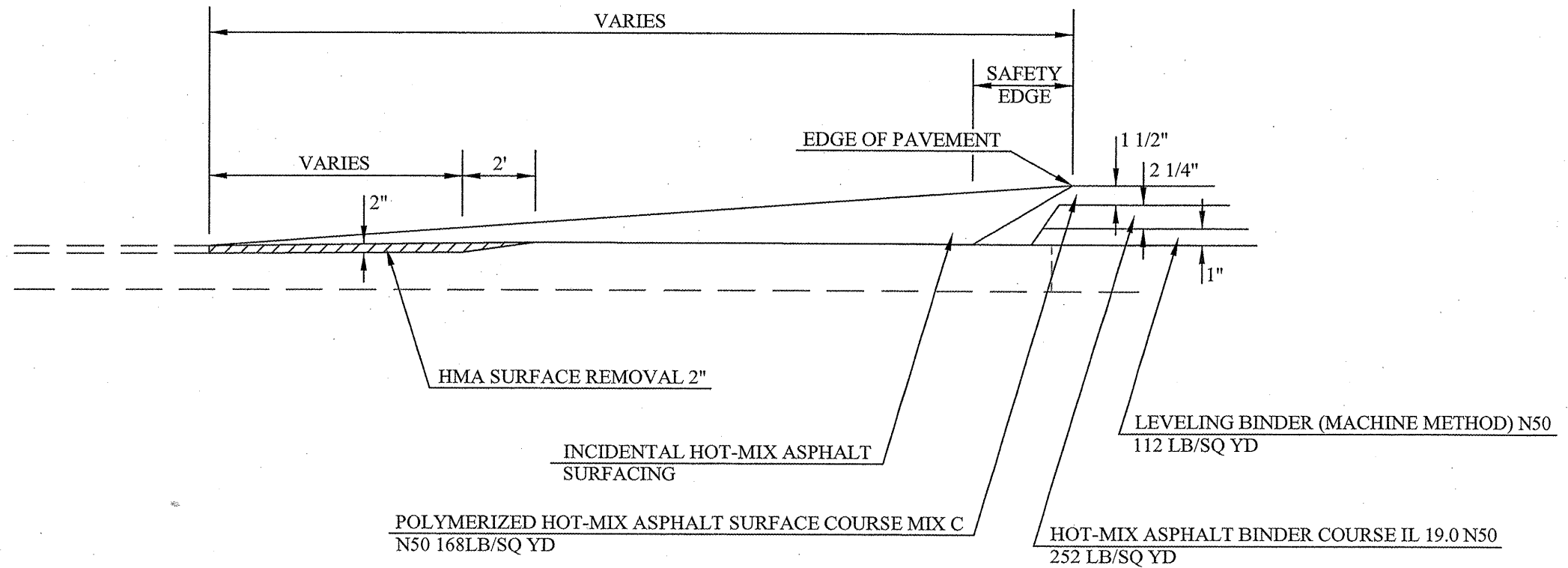
RT. STA. 549+05 (480 E)
 LT. STA. 562+47 (470 E)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	36

Contract No. 91459



SECTION A-A

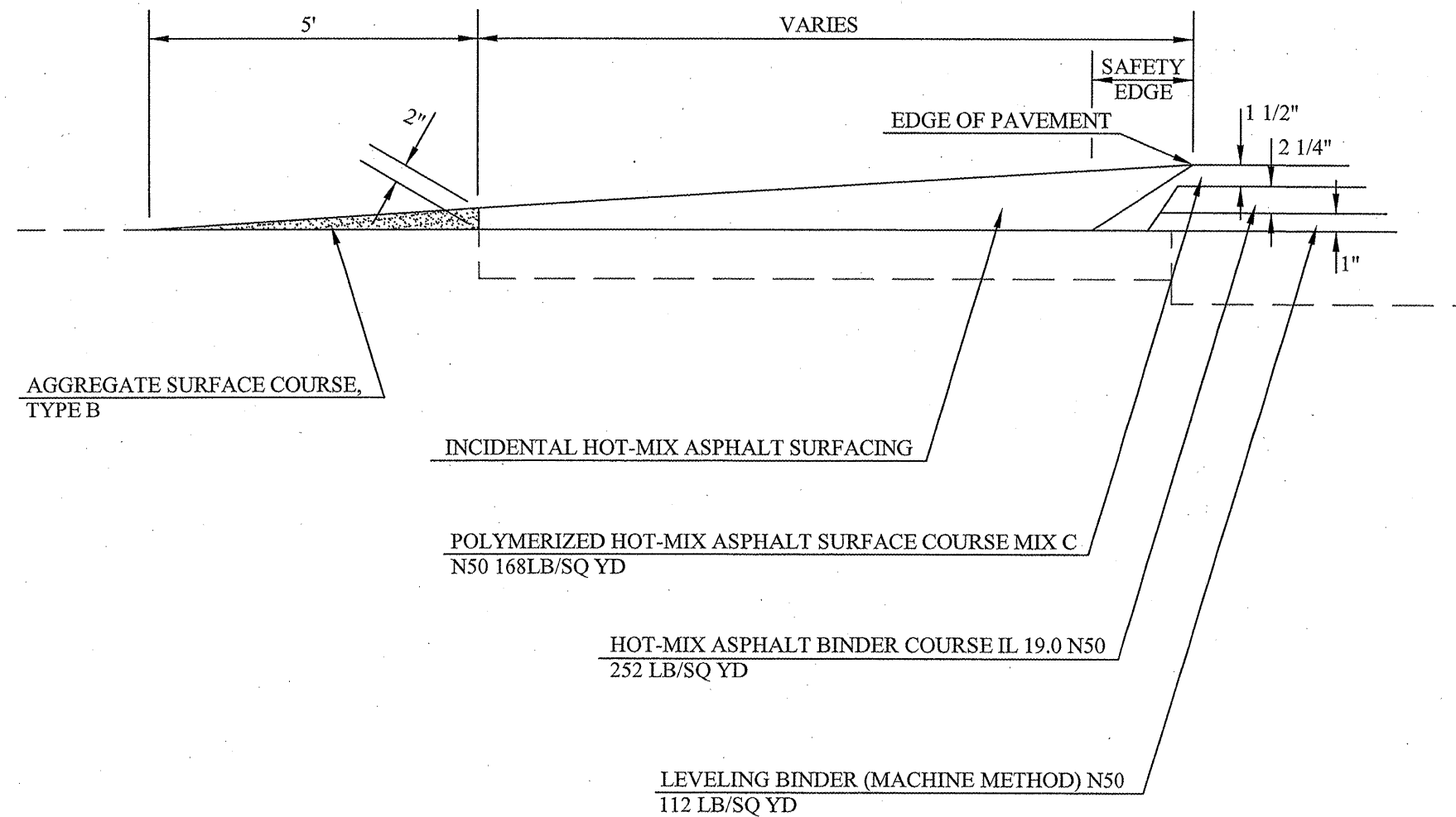


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	37

Contract No. 91459

INDIDENTAL HOT-MIX ASPHALT SURFACING DETAILS FOR CONCRETE ENTRANCES

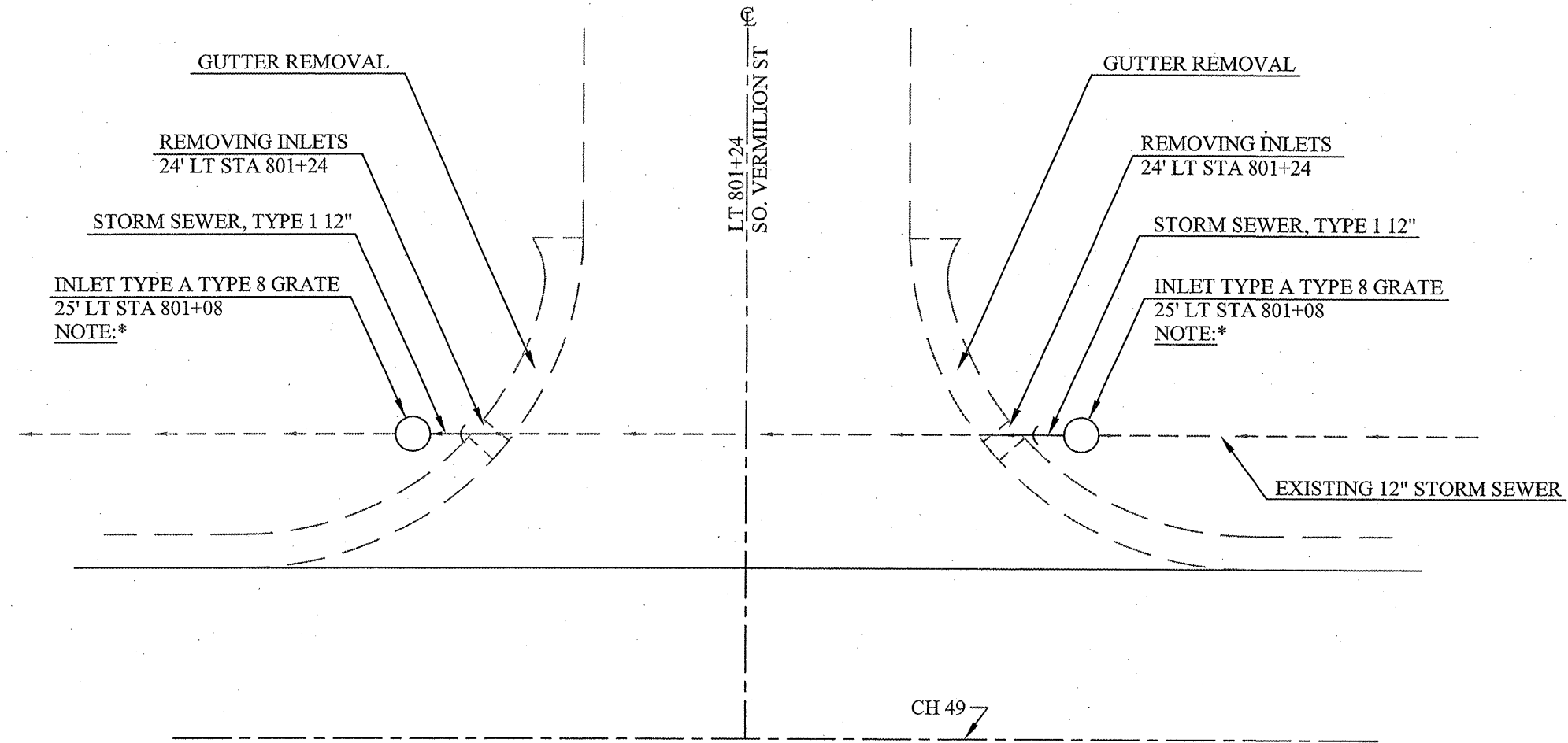


ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
	DSGN: GHS	DRN: RST	
	CHK: GHS	DATE: 1/20/2010	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	38

Contract No. 91459

STORM SEWER DETAILS
LT STA 801+08 TO LT STA 801+40



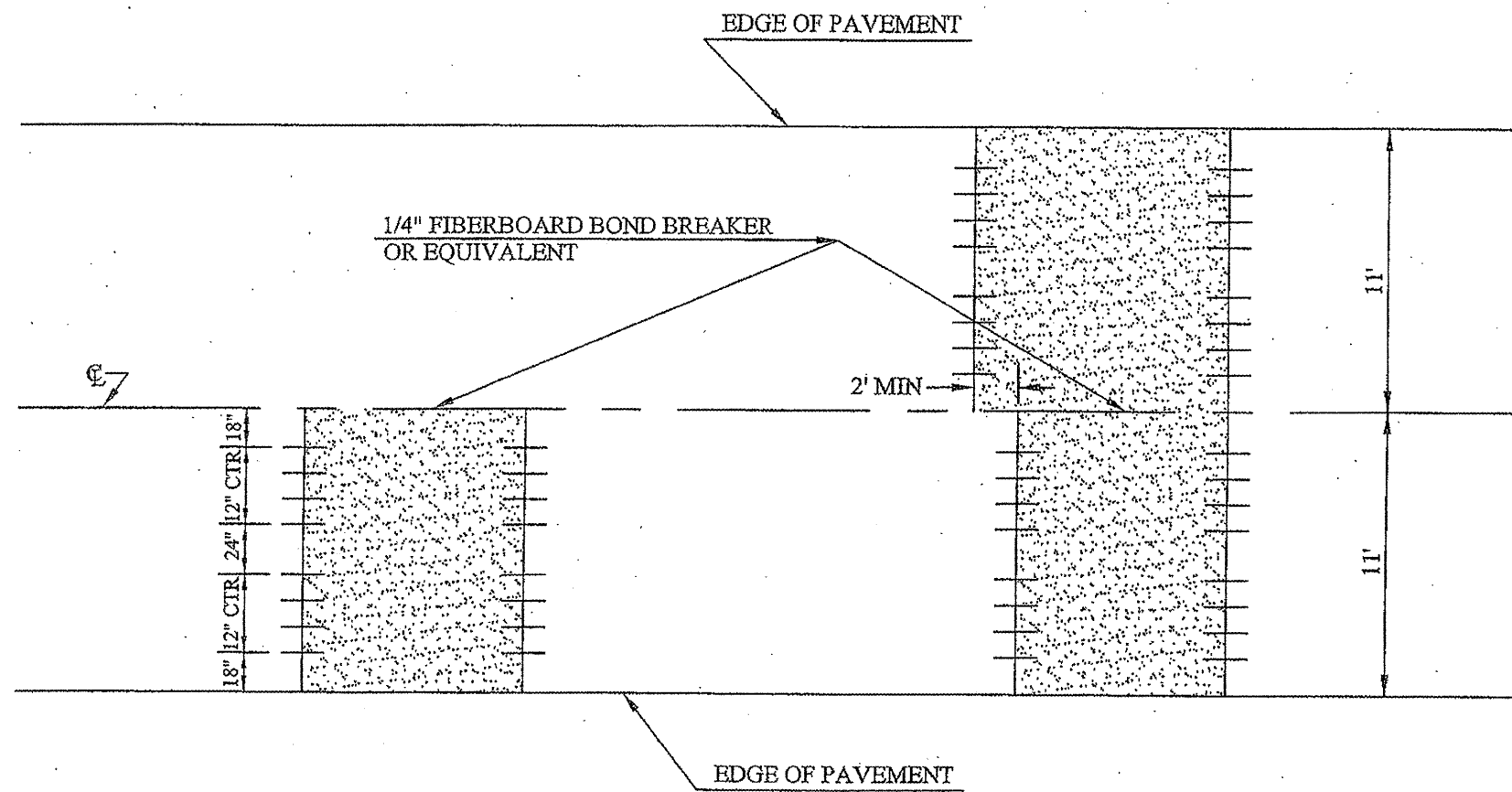
***NOTE:** MATCH EXISTING FLOWLINE ELEVATIONS
FINAL INLET LOCATION AND TOP OF RIM
ELEVATION TO BE DETERMINED BY THE
ENGINEER

ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE
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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
C.H. 49	08-00162-01-RS	VERMILION	39	39

Contract No. 91459

DOWEL BAR PLACEMENT FOR 11' WIDE LANE



ALLERTON-SIDELL RD. (CH 49) RESURFACING SECTION 08-00162-01-RS	Prepared by: Vermilion County Highway Dept. 2732 Batestown Road Oakwood, Illinois 61858		NOT TO SCALE SPECIAL DETAIL
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	CHK: GHS	DATE: 1/20/2010	