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- 3 TYPICAL CROSS SECTIONS, HOT-MIX ASPHALT DATA TABLE, RATES OF APPLICATION
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- 6 SUGGESTED LAYOUT FOR TRAFFIC CONTROL DEVICES 7 BRIDGE DECK & GURRO RAIL

### <u>STANDARDS</u>

630301-04 TYPE 1 (SPECIAL) GUARDRAIL TERMINALS, 2 SHEETS

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635011-01 REFLECTOR MARKER AND MOUNTING DETAILS, 3 SHEETS

667101 PERMANENT SURVEY MARKERS

701201-02 LANE CLOSURE, 2 LANE, 2 WAY, DAY ONLY

701306-01 LANE CLOSURE, 2 LANE, 2 WAY, SLOW MOVING OPERATIONS, DAY ONLY

701311-02 LANE CLOSURE, 2 LANE, 2 WAY, MOVING OPERATION, DAY ONLY

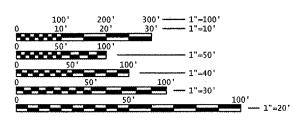
701326-02 LANE CLOSURE, 2 LANE, 2 WAY, PAVEMENT WIDENING

702001-06 TRAFFIC CONTROL DEVICES, 3 SHEETS

780001-01 TYPICAL PAVEMENT MARKINGS, 2 SHEETS

BLR 21-6 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES

EXISTING ROAD STA. 0+93 TO STA. 52+35 7" AGG BASE CSE 7" x 0.08 = 3" HOT-MIX ASPHALT 3" x 0.30 =	0.56 0.90 1.46
PROPOSED IMPROVEMENT STA, 0+93 TO STA, 52+35 COLD MILL 1 1/2" HOT-MIX ASPHALT 1.5 x 0.30 = 3" HOT-MIX ASPHALT 3" x 0.4 = TOTAL AFTER PROPOSED IMPROVEMENT	-0.45 1.20 2.21
EXISTING ROAD STA. 52+35 TO STA. 212+19 7" AGG. BASE COURSE 7" x 0.08 = 3" HOT-MIX ASPHALT 3" x 0.23 = 1 1/2" HOT-MIX ASPHALT 1 1/2" x 0.30 =	0.56 0.69 <u>0.45</u> 1.70
PROPOSED IMPROVEMENT STA. 52+35 TO STA. 212+19 COLD MILL 1 1/2" HOT-MIX ASPHALT 1 1/2" x 0.30 = 3" HOT-MIX ASPHALT 3" x 0.40 = TOTAL AFTER PROPOSED IMPROVEMENT	-0.45 1.20 -2.45
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING 4" HOT-MIX ASPHALT BASE COURSE WIDENING 4" x 0.40 3" HOT-MIX ASPHALT 3" x 0.40 =	= 1.60 1.20 2.80



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENT ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

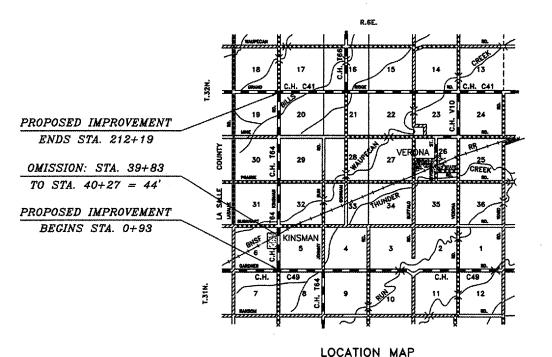
# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# PLANS FOR

PROPOSED LOCAL AGENCY IMPROVEMENT FEDERAL—AID SECONDARY PROJECT STR FUNDS

F.A.S. ROUTE 273, C.H. T64, KINSMAN ROAD, SECTION 03-00092-02-WR, GRUNDY COUNTY, PROJECT SR-273(106)
JOB NUMBER C-93-043-05

RURAL MAJOR COLLECTOR
DESIGN SPEED - 40 M.P.H.



GROSS LENGTH: 21,126.00 FEET = 4.001 MILES OMISSIONS: 44.00 FEET = 0.008 MILES

86-00092-01-RS

NET LENGTH: 21,082.00 FEET = 3.993 MILES

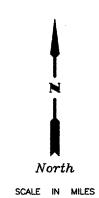
1987

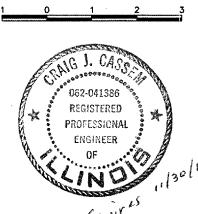
2007 ADT = 338
2015 ADT = 390
TF<sub>15</sub> = 0.01
IBR = 3.0

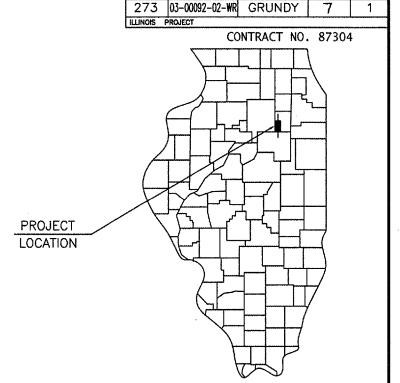
M.U. = 3%
(13, 21 RS)
82-00076-00-RS
1982

P.V. = 88%

 $D_{t} = 2.0$ 







SECTION

COLINTY

### UTILITIES

LOCATION OF SECTION INDICATED THUS: -

<u>J.U.L.I.E. SYSTEM</u> - THE TOLL FREE TELEPHONE NUMBER FOR JOINT UTILITY LOCATING INFORMATION FOR EXCAVATION IS 1-800-892-0123

THE ACCEPTANCE OF THIS PROJECT IS BASED ON THE MINIMUM DESIGN CRITERIA FOR 3-R BLR MANUAL.

LOUN CRITERIA FOR 5-K BER PANOAL.
THESE PLANS WERE PREPARED BY ME OR BY A FULL TIME MEMBER OF MY STAFF WORKING UNDER MY PERSONAL SUPERVISION.
APPROVED April 24 2007  Leany Cassem  GRUNDY COUNTY ENGINEER
PASSED May 23 20 07  Boand l. Lang  DISTRICT THREE ENGINEER OF  LOCAL ROADS & STREETS
APPROVED 11/my 23 20 07

OR OF HIGHWAYS 4

REGION TWO ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 87304

### GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

THE HOT-MIX ASPHALT SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY AND IN A WORKMANLIKE MANNER: AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO SAW CUT THE HOT-MIX ASPHALT SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLANS DETAILS. THIS WORK SHALL BE INCIDENTAL TO THE HOT-MIX ASPHALT QUANTITIES.

THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTION SHALL BE DETERMINED BY THE ENGINEER.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

FOR ALL SHORT-TERM PAVEMENT MARKINGS ON FINAL SURFACES (I.E., MAINLINE PAVEMENT), ONLY SHORT-TERM PAVEMENT MARKING TAPE SHALL BE USED.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

## EPOXY PAVEMENT STRIPING TABLE

	FOOT
DESCRIPTION	EPOXY LINE 4"
SKIP DASH (YELLOW CENTERLINE) SOLID (YELLOW NO PASS ZONES)	4,960 6,389
TOTAL	11,349

### HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"

DEPTH	STATION TO STATION	LENGTH	WIDTH	SQ.YD.
1 1/2"	0+93 TO 39+83 40+27 TO 212+19	3,890' 17,192'	20' 20'	8,644 38,204
	TOTAL			46,848

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20200500*	EARTH EXCAVATION (WIDENING)	CU YD	976
40600100*	BITUMINOUS MATERIAL (PRIME COAT)	GALLON	5,153
40600300	AGGREGATE (PRIME COAT)	TON	103
40600625*	LEVELING BINDER (MACHINE METHOD), N50	TON	5,039
40600982*	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	304
40600990	TEMPORARY RAMP	SQ YD	49
40603310*	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	4,430
40800050*	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	410
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, $1\frac{1}{2}$ "	SQ YD	46,849
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3,247
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	262
△63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	500
△63100167*	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	EACH.	6
63200310	GUARDRAIL REMOVAL	FOOT	150
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1
70300100*		FOOT	4,216
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	F00T	5,270
<b>△</b> 78005100*	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	250
A 78005110*	EPOXY PAVEMENT MARKING LINE - LINE 4"	FOOT	11,349
△ 78005180*	EPOXY PAVEMENT MARKING LINE - LINE 24"	FOOT	13
78200455*	BIDIRECTIONAL GUARD RAIL REFLECTORS	EACH	18
78201000*	TERMINAL MARKER-DIRECT APPLIED	EACH	6 1
Z0048665*		L SUM	7
z0053700* x4420132*		EACH	.727
35600650		SQ YD SQ YD	6,097

\* DENOTES SPECIAL PROVISION A SPECIALTY ITEMS

### WIDENING TABLE

STATION TO STATION	SIDE	LENGTH	SQ.YD.	CU.YD.
0+93 то 39+83 40+27 то 212+19	LT & RT LT & RT	3,890 17,192	1,081 4,775	180 796
TOTAL			5,856	976

# TABLE FOR REMOVAL OF EARTH EX. WIDENING

# FROM JOB SITE

STATION TO	STATION	SIDE
22+58 TO 26+45 TO		RT LT

# FUND CODE IOOO-2A

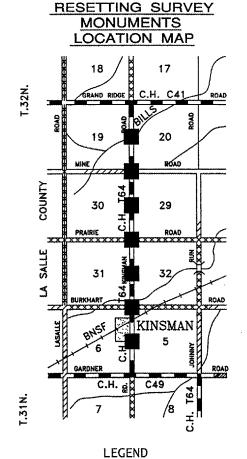
CODE NO.   ITEM			יוטיז	ID CODE TOOO-
40600100*   40600300   AGGREGATE (PRIME COAT)   AGGREGATE (PRIME COAT)   TON   103   103   40600625*   40600982*   40600982*   40600990   40603310*   TEMPORARY RAMP   HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT   SQ YD   49   40603310*   40800050*   40900050*   4090	CODE NO.	ITEM	UNIT	QUANTITY
40600100*   40600300   AGGREGATE (PRIME COAT)   AGGREGATE (PRIME COAT)   TON   103   103   40600625*   40600982*   40600982*   40600990   40603310*   TEMPORARY RAMP   HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT   SQ YD   49   40603310*   40800050*   40900050*   4090	20200500*	FARTH EXCAVATION (WIDENING)	CU YD	976
40600300	1	· · · · · · · · · · · · · · · · · · ·	i	1
40600625*	1	· · · · · · · · · · · · · · · · · · ·	1	
40600982*	1	· · · · · · · · · · · · · · · · · · ·	1	1
40600990			1	
40603310* HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50  40800050* INCIDENTAL HOT-MIX ASPHALT SURFACING  44000155  48101200 AGGREGATE SHOULDERS, TYPE B  58100200 WATERPROOFING MEMBRANE SYSTEM  △63100167* TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)  67200310  67100100 MOBILIZATION  70100450 TRAFFIC CONTROL AND PROTECTION, STANDARD 701201  70100460 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306  70300100* SHORT-TERM PAVEMENT MARKING  70300100* SHORT-TERM PAVEMENT MARKING - LINE 4"  △78005110* EPOXY PAVEMENT MARKING LINE - LINE 4"  △78201000* RASPICAL SUM PROTECTION STANDARD FOOT  13090100* SUM TEMPORARY PAVEMENT MARKING LINE - LINE 4"  △78201000* TEMPINAL SUM	1		1	4
40800050*	1		1 -	1
44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 ½"  AGGREGATE SHOULDERS, TYPE B  TON  3,247  SQ YD  46,849  TON  3,247  SQ YD  262  AG3000000  AG3000100*  TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)  EACH.  6  GOAT  FOOT  150  L SUM  1  TRAFFIC CONTROL AND PROTECTION, STANDARD 701201  TRAFFIC CONTROL AND PROTECTION, STANDARD 701306  L SUM  1  TRAFFIC CONTROL AND PROTECTION, STANDARD 701326  TEMPORARY PAVEMENT MARKING  FOOT  4,216  FOOT  4,216  FOOT  5,270  A78005100*  A78005100*  EPOXY PAVEMENT MARKING LINE - LINE 4"  FOOT  13  A78200455*  A78201000*  TERMINAL MARKER-DIRECT APPLIED  EPOXY PAVEMENT MARKING LINE - LINE 24"  FOOT  13  A78201000*  TERMINAL MARKER-DIRECT APPLIED  RESETTING SURVEY MONUMENTS  A78201000*  RESETTING SURVEY MONUMENTS  EACH  7  X4420132*  CLASS D PATCHES (SPECIAL)  SQ YD  727	1		1	
48101200 AGGREGATE SHOULDERS, TYPE B  \$100200 AG3000000 STEEL PLATE BEAM GUARDRAIL, TYPE A  \$2000 AG3100167* STEEL PLATE BEAM GUARDRAIL, TYPE A  \$300310 GUARDRAIL REMOVAL  \$300310 GUARDRAIL REMOVAL  \$300310 GUARDRAIL REMOVAL  \$300310 TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 L SUM  \$3000310 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 L SUM  \$3000310 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 L SUM  \$3000310 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 L SUM  \$3000310 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 L SUM  \$30003100* TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 L SUM  \$30003100* TRAFFIC CONTROL AND PROTECTION, STANDARD 701326 L SUM  \$30003100* TRAFFIC CONTROL AND PROTECTION, STANDARD 701326 SHORT-TERM PAVEMENT MARKING  \$30003100* TEMPORARY PAVEMENT MARKING  \$30003100* TEMPORARY PAVEMENT MARKING - LINE 4" FOOT  \$30003100* POOT SOUTH TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN			i i	
58100200 ▲63000000WATERPROOFING MEMBRANE SYSTEM STEEL PLATE BEAM GUARDRAIL, TYPE ASQ YD262▲63000000 ★63100167* 63200310 67100100 70100450 70100460 70100500 70100500 70300100* 70300100* 70300100* 70300100* 703005100* ★78005110* ▲78005180* ▲78200455* ▲78201000* ★78201000* 782010000* 782010000* 7820100000000000000000000000000000000000	1		1 7	
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A 78005180* EPOXY PAVEMENT MARKING LINE - LINE 24"  A 78200455* BIDIRECTIONAL GUARD RAIL REFLECTORS  A 78201000* TERMINAL MARKER-DIRECT APPLIED  Z0048665* RAILROAD PROTECTIVE LIABILITY INSURANCE  Z0053700* RESETTING SURVEY MONUMENTS  X4420132* CLASS D PATCHES (SPECIAL)  FOOT  13  EACH  6  L SUM  1  FOOT  13  EACH  7  7  7  727	<b>△</b> 78005100*		SQ FT	
A 78200455* BIDIRECTIONAL GUARD RAIL REFLECTORS A 78201000* TERMINAL MARKER-DIRECT APPLIED EACH 20048665* RAILROAD PROTECTIVE LIABILITY INSURANCE L SUM 1 20053700* RESETTING SURVEY MONUMENTS EACH 7 X4420132* CLASS D PATCHES (SPECIAL) SQ YD 727	<b>△</b> 78005110*	EPOXY PAVEMENT MARKING LINE - LINE 4"	FOOT	11,349
A 78201000* TERMINAL MARKER-DIRECT APPLIED EACH 6  Z0048665* RAILROAD PROTECTIVE LIABILITY INSURANCE L SUM 1  Z0053700* RESETTING SURVEY MONUMENTS EACH 7  X4420132* CLASS D PATCHES (SPECIAL) SQ YD 727	△ 78005180*	EPOXY PAVEMENT MARKING LINE - LINE 24"	FOOT	13
Z0048665* RAILROAD PROTECTIVE LIABILITY INSURANCE   L SUM   1	▲ 78200455*	BIDIRECTIONAL GUARD RAIL REFLECTORS	EACH	18
Z0053700* RESETTING SURVEY MONUMENTS EACH 7 X4420132* CLASS D PATCHES (SPECIAL) SQ YD 727	△ 78201000*	TERMINAL MARKER-DIRECT APPLIED	EACH	6
X4420132* CLASS D PATCHES (SPECIAL) SQ YD 727	1		1	1
			1	•
35600650 HOT-MIX ASPHALT BASE COURSE WIDENING, 4" SQ YD 6,097		, · · · · · · · · · · · · · · · · · · ·	1	1
	35600650	HOT-MIX ASPHALT BASE COURSE WIDENING, 4"	SQ YD	6,097

STATION	SIDE	WIDTH	LENGTH	SQ.YD.
18+00 TO 21+12 22+00 TO 23+00 24+70 93+57 132+81 140+60 181+70 TO 183+70	NORTH BOUND NORTH BOUND CROSS ROAD CROSS ROAD CROSS ROAD CROSS ROAD SOUTH BOUND	10 10 5.4 5.5 4.9 5.2	312 100 20 20 20 20 20 20 20	347 111 12 12 11 11 12 222
	1	ТОТ	AL.	727

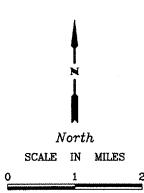
CLASS D PATCH TABLE

#### CO. HWY. T64 SECTION: 03-00092-02-WR GRUNDY COUNTY, ILLINOIS SHEET 2 OF 7

CONTRACT NO. 87304

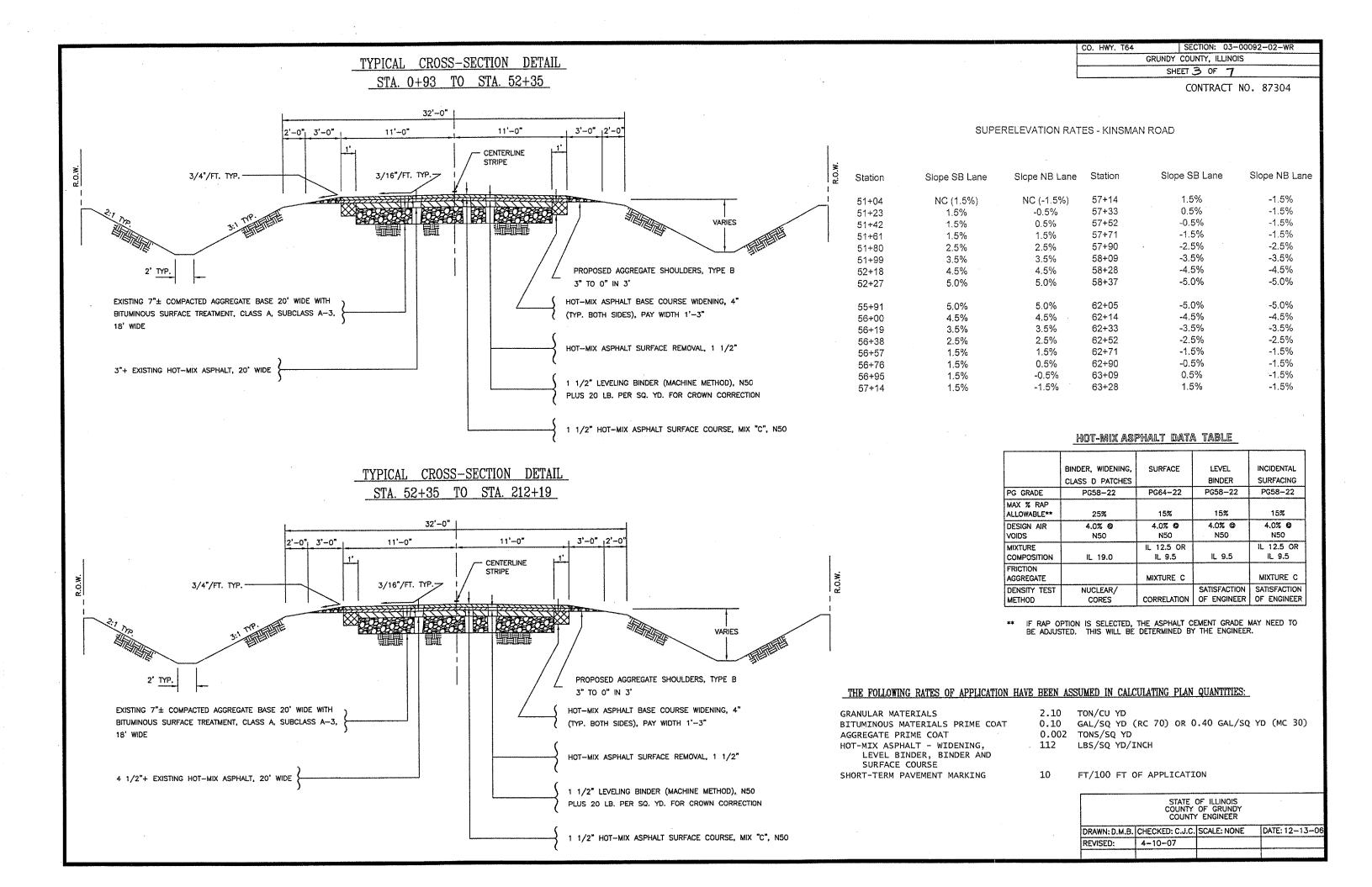


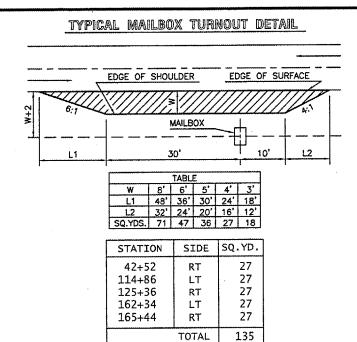
DENOTES LOCATION FOR RESETTING SURVEY MONUMENTS



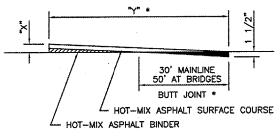
STATE OF ILLINOIS COUNTY OF GRUNDY COUNTY ENGINEER

DRAWN: D.M.B. CHECKED: C.J.C. SCALE: NONE DATE: 12-04-06 REVISED: 4-23-07





# TYPICAL TAPER AT BUTT JOINT



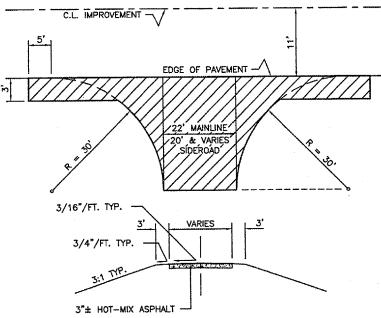
\* NOTE: BUTT JOINTS IN PRIVATE ENTRANCES SHALL BE 18".

"X" = PROPOSED PAVEMENT THICKNESS

TAB	LE
"x"	"\"
1"	
1 1/2"	20°
2"	40' 50'
2 1/2"	50'
3"	60*
3 1/2"	70'
4"	80,

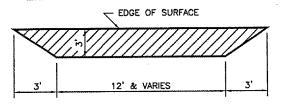
STATION	SIDE	SQ.YD.
0+93	C.L.	49
28+31	LT	23
32+12	LT	35
35+82	LT	19
39+83	C.L.	67
40+27	C.L.	67
212+19	C.L.	44
	TOTAL	304

### TYPICAL INTERSECTION DETAIL



STATION	NAME	SIDE	SQ.YD.	TONS INCIDENTAL HOT-MIX ASPHALT
28+31	EMMETT STREET	LT	119	20
32+12	MAIN STREET	LT	119	20
35+82	GREEN STREET	LT	119	20
40+55	ELM STREET	LT	119	20
52+35	BURKHART ROAD	LΤ	119	20
52+35	BURKHART ROAD	RT	119	20
105+72	PRAIRIE ROAD	LT	119	20
105+72	PRAIRIE ROAD	RT	119	20
159+00	MINE ROAD	LT	119	20
159+00	MINE ROAD	RT	119	20
TOTALS		1,190	200	

# TYPICAL FIELD ENTRANCE DETAIL



### TABLE OF FIELD ENTRANCES

STATION	SIDE	SQ.YD.	1	STATION	SIDE	SQ.YD.
11+53 . 11+53 26+25 39+47 40+55 61+30	LT RT LT LT RT	666666		99+12 105+33 105+33 145+55 145+55 168+08	RT LT RT RT LT	666666
62+27 70+92 73+73 79+24 85+73 86+50	LT LT RT LT RT LT	0666666		172+27 176+35 178+06 187+44 193+96 204+66	LT RT LT RT LT LT	6 6 6 6 6
					TOTAL	144

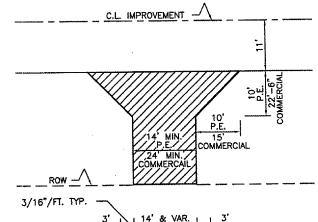
CO. HWY. T64 | SECTION: 03-00092-02-WR

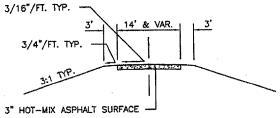
GRUNDY COUNTY, ILLINOIS

SHEET 4-0F 7

CONTRACT NO. 87304

# Typical private & commercial entrance detail



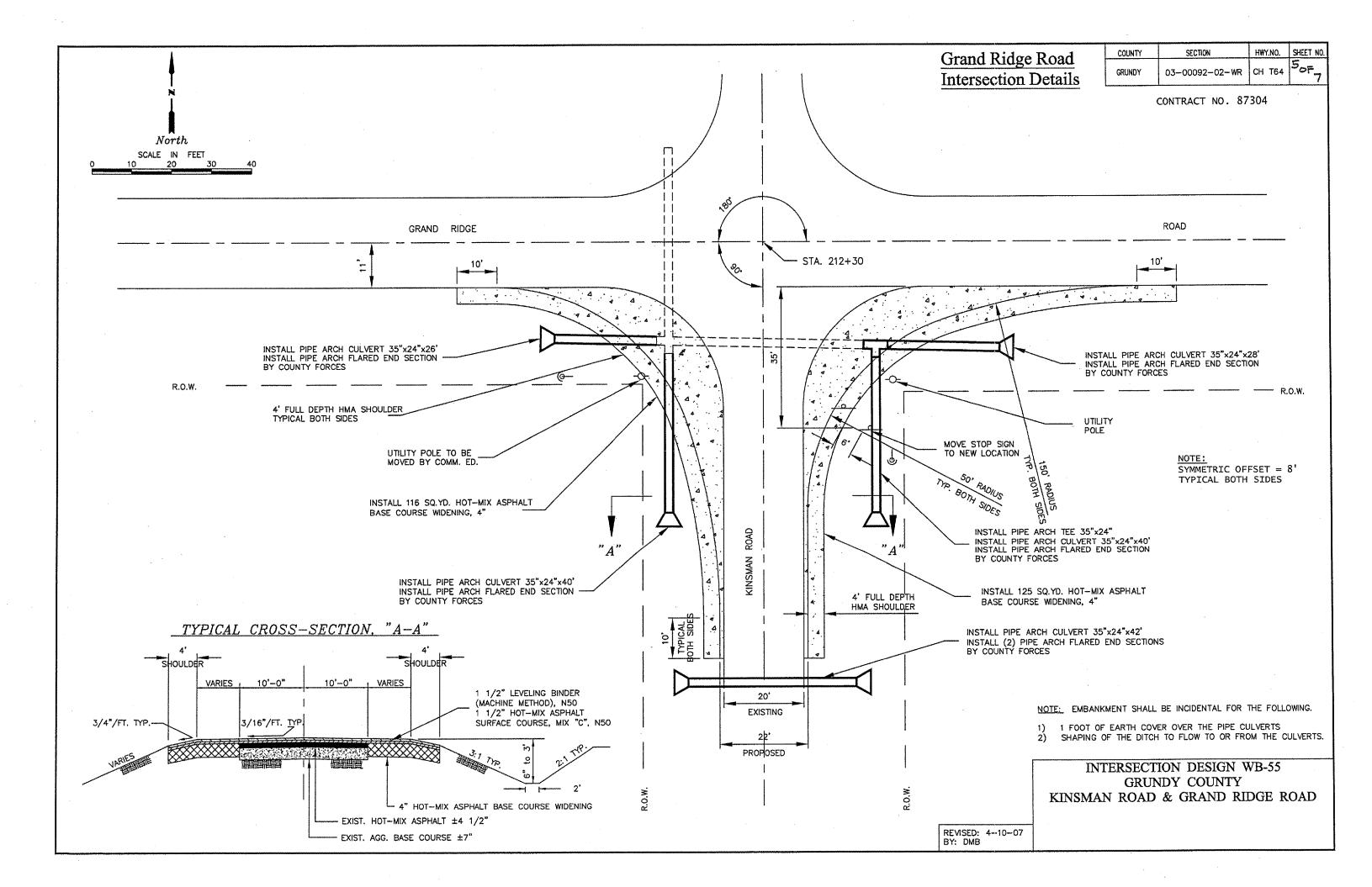


INCIDENTAL HOT-MIX ASPHALT SURFACING \*

INCIDENTAL HOT-MIX ASPHALT SURFACING *									
STATION	SIDE	SURFACE	TYPE	SQ.YD.	TONS INCIDENTAL HOT-MIX ASPHALT				
22+48 23+41 25+37 27+22 30+23 33+77 34+06 37+78 43+50 115+16 125+10 164+03	RT RT LT LT LT LT LT RT LT RT	ASPHALT	C. C	120 120 120 60 60 60 120 120 60 60 60 60	20 20 20 10 10 10 20 20 10 10 10				
166+91 178+86	RT	ASPHALT ASPHALT	P.E.	60	10				
207+09	RT	ASPHALT	P.E.	60	10				
		1,260	210						

STATE OF ILLINOIS
COUNTY OF GRUNDY
COUNTY ENGINEER

DRAWN: D.M.B. CHECKED; C.J.C. SCALE: NONE DATE: 12-04-06
REVISED: 4-10-07



# **LEGEND**

| SECTION: 03-00092-02-WR CO. HWY. T64 GRUNDY COUNTY, ILLINOIS SHEET 6 OF 7

CONTRACT NO. 87304

SUGGESTED LAYOUT FOR TRAFFIC CONTROL DEVICES

- 1. "Road Construction Ahead" sign (W20-1).
- "Road Closed Ahead" sign (W20-3) with orange flag and low intensity light attached. 2.
- "Road Closed 500 feet" sign (W20-3) with orange flag and low intensity flashing light attached. 3.
- Two (2) Type III Barricades with low intensity flashing lights (2 per barricade) and "Road Closed" sign (R11-2) 4. above barricade in approach lane.

NOTE: This suggested layout is included to detail the applicability of Highway Standard BLR 21-6 to this Project.

Traffic Control Devices to be installed only during the construction phase of the Waterproofing Membrane System. (Maximum closure time is 3 days.)

