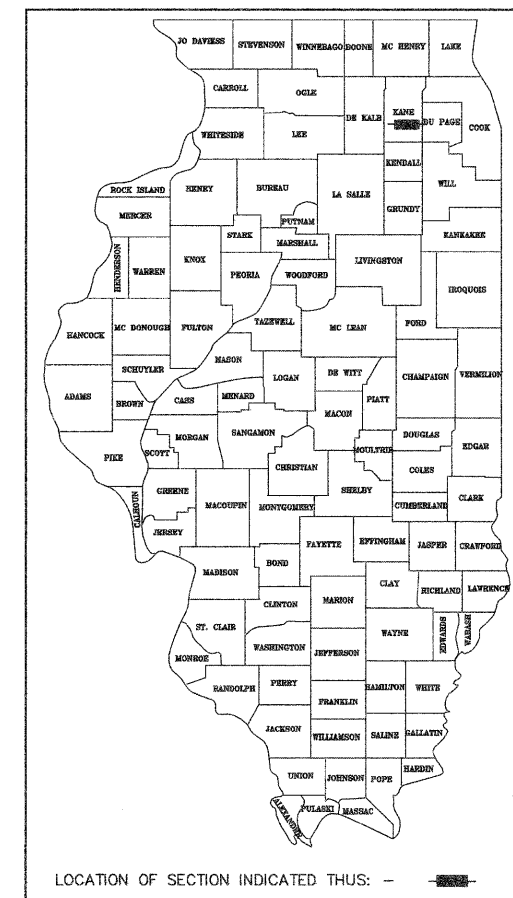


FOR INDEX OF SHEETS, SEE SHEET NO.2

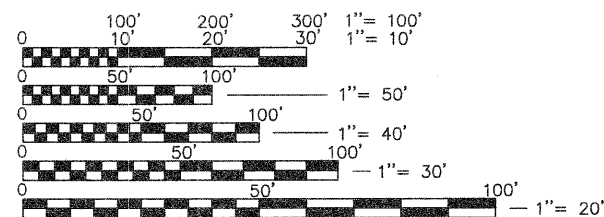
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL AID HIGHWAY RESURFACING

**HANKES ROAD - FAU ROUTE 2300
PROJECT NO. M-9003(069)
SECTION NO. 08-00020-00-RS
FROM 5,900 FEET WEST OF ILLINOIS ROUTE 56
TO 100' WEST OF ILLINOIS ROUTE 56
VILLAGE OF SUGAR GROVE
KANE COUNTY
JOB NO. C-91-519-08**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT - IAPP		
CONTRACT NO. 63063				



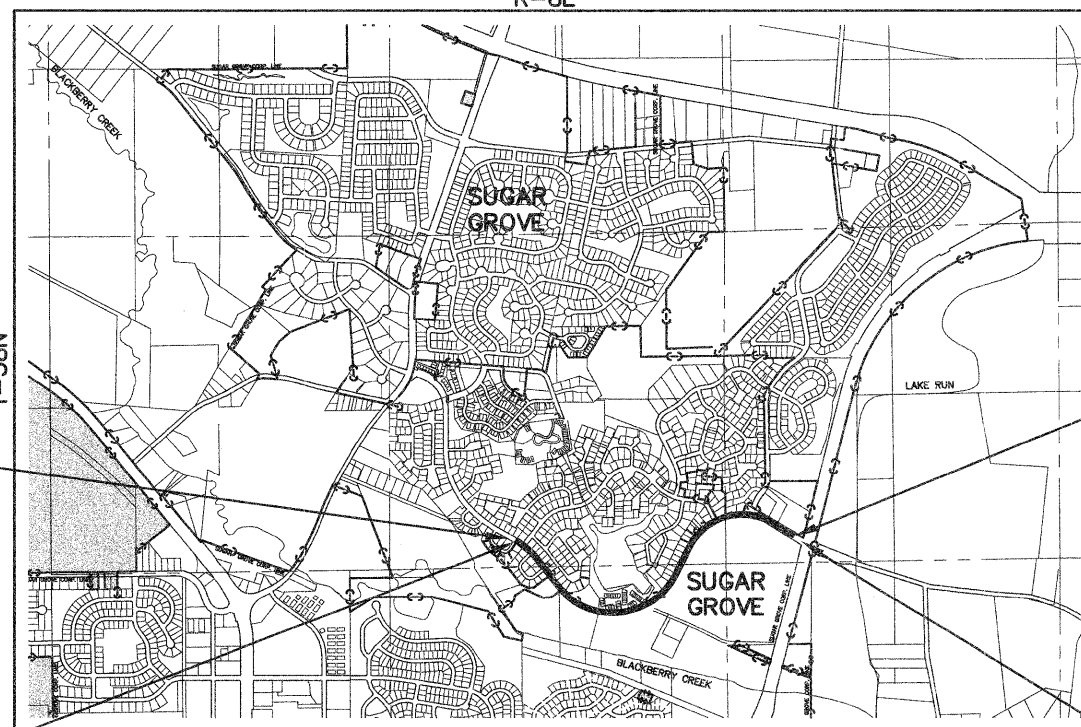
DESIGN DESIGNATION	
HANKES ROAD:	MINOR ARTERIAL
	DESIGN SPEED = 35 M.P.H.
	POSTED SPEED = 35 M.P.H.
	ADT(2008) = 3000



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT 63063



PROJECT BEGINS
STA. 5+00.00
HANKES RD.

CONSTRUCTION ENDS
STA. 63+23
HANKES RD.

CONSTRUCTION BEGINS
STA. 5+23
HANKES RD.

PROJECT ENDS
STA. 65+29
HANKES RD.

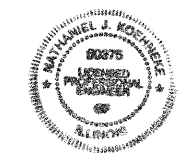
LOCATION MAP
N.T.S.

GROSS LENGTH OF PROJECT = 5,800 FEET (1.10 MILES)
NET LENGTH OF PROJECT = 5,800 FEET (1.10 MILES)

TOPOGRAPHICAL INFORMATION FROM SURVEY
BY ENGINEERING ENTERPRISES, INC.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	July 17, 2008 <i>Art Spauld</i> VILLAGE OF SUGAR GROVE, DIRECTOR OF PUBLIC WORKS
PASSED	July 23, 2008 <i>Christopher Holt</i> DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	July 23, 2008 <i>Diane M. O'Keefe</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

DATE: JULY 17, 2008
BY: *Nathaniel J. Koehneke*
NATHANIEL J. KOEHNEKE
LICENSE EXPIRES: NOVEMBER 30, 2009



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
Phone: (630) 466-9350

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FIELD ENGINEER: MARILYN SOLOMON (847) 705-4407
CONSULTING ENGINEER: ENGINEERING ENTERPRISES, INC. CONTACT: NATHANIEL J. KOEHNEKE (630)-466-9350
Plotted: July 15, 2008 @ 1:24 PM By: Jim Gates - Tab: 01 Cover 23x34
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
230008-00020-00-RS		KANE	17	2
CONTRACT NO. 63063				

GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS

- The "Standard Specifications for Road and Bridge Construction" adopted Jan. 1, 2007, Supplemental Specifications and Recurring Specifications and Provisions adopted Jan. 1, 2008, National Electric Code, 2008 edition, the "Standard Specifications for Water and Sewer Main Construction in Illinois", fifth edition, dated May, 1996, and revisions thereto, these improvement plans and details, special provisions and codes and ordinances of the Village of Sugar Grove, Illinois shall govern applicable portions of this project.
- The Contractor shall obtain, erect, maintain and remove all signs, barricades, flaggers and other traffic control devices as may be necessary for the purpose of regulating, warning or guiding traffic. Placement and maintenance of all traffic control devices shall be in accordance with the applicable parts of Article 107.14 of the Standard specifications and the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways.
- Location of utilities shown on plans are approximate only, and are not necessarily complete. Contractor shall make his own investigations as to location of all existing underground structures, cables and pipe lines.
- All elevations are based on U.S.G.S. Datum.
- All road signs, street signs and traffic signs which need to be relocated or moved due to construction shall be taken down and stored by the Contractor except those that are necessary for proper traffic control which shall be temporarily reset until completion of construction operations. After completion of the work, the Contractor shall reset all said signs. The work shall be included in the traffic control pay items, and shall not be paid for separately.
- Special attention is drawn to the fact that Article 105.06 of the standard specifications requires the Contractor to have a competent superintendent on the project site at all times, irrespective of the amount of work sublet. The superintendent shall be capable of reading and understanding the plans and specifications, shall have full authority to execute orders to expedite the project, shall be responsible for scheduling and have control of all work as the agent of the Contractor. Failure to comply with this provision will result in a suspension of work as provided in Article 108.07.
- Any reference to standards throughout the plans or special provisions shall be interpreted as the latest standard of the department as shown on the plans.
- The Contractor shall protect and carefully preserve all section or subsection monuments or property or reference markers until the owner, his agent or an authorized surveyor has witnessed or otherwise referenced their locations.
- The unit price for all removal pay items shall include all required saw cuts.
- All work performed relative to this improvement shall comply with all applicable rules and regulations of O.S.H.A.
- Contractor shall provide and install two weighted sand bags on each Type I or Type II Barricade used. (One weighted sand bag across each bottom rail.) This work will not be paid for separately. But the cost shall be considered as included in the contract unit price for the construction items involved and no additional compensation will be allowed.
- Mixture for cracks, joints and flangeways: An estimated quantity based on field observation has been included in the contract. The location and limits of all joint or crack filling shall be determined by the engineer at the time of construction. If the mixture for cracks, joints and flangeways is not required, the quantity shall be deducted and no additional compensation will be due to the contractor.
- Before starting any excavation, the Contractor shall call "JULIE" at 800-892-0123 for field locations of buried electric, telephone and gas facilities. (48 hour notification is required)
- 10 feet transitions shall be used to match proposed curb & gutter and median items of work to existing curbs & gutters and medians in the field, unless otherwise shown. The transitions shall be paid for at the contract unit price for the proposed items of work specified.
- The Contractor shall coordinate construction activities with utility companies and the Village Of Sugar Grove.
- When milled pavement is open to traffic the maximum grade differential between passes of the milling machine shall not exceed 1 1/2 inches (40 mm) where the speed limit is 45 mph (80 km/h) or less and 1 inch (25 mm) where the speed limit is greater than 45 mph (80 km/h). With written approval from the Engineer, a maximum grade differential of 3 inches (75 mm) may be allowed if the edge of the milling is sloped a minimum 1:3 (V:H).

- Butt joints will be installed at the ends of all resurfacing (where the resurfacing meets existing pavement) in accordance with the "Butt Joint and HMA Taper Details" sheet included in the plans, unless otherwise specified.
- Whenever, during construction operations any loose material is deposited in the flow line of drainage structures such that the natural flow of water is obstructed, it shall be removed at the close of each working day. At the conclusion of construction operations, all drainage structures shall be free from dirt and debris. The work specified above will not be paid for separately, but shall be considered as included in the contract pay items.
- Existing public and private utilities are shown on the plans according to information obtained from utility companies, municipalities, and surveys. The Contractor shall familiarize himself with the location of all utilities and structures that may be found in the vicinity of the construction. He will also assume responsibility for all utilities whether shown or not, and must realize that the actual locations and/or elevations of the utilities may be different that indicated.

Should any damages occur due to the Contractor's negligence, the Contractor, at his own expense, shall make repairs in a manner acceptable to the Engineer. The Contractor shall notify all utility companies of his construction schedule and coordinate construction operations with the utility companies so that relocation of utility lines and structures may proceed in an orderly manner.
- During Construction, if the Contractor encounters or otherwise becomes aware of any sewer, underdrains or field drains within the right-of-way other than those shown on the plans, he shall so inform the Engineer who shall direct the work necessary to maintain or to replace the facilities in service and to protect them from damage during construction if to be maintained. Existing facilities to be maintained that are damaged because of non-compliance with this provision shall be replaced at the Contractor's own expense.
- HANKES Road shall remain open to traffic at all times. When necessary to close one lane of HANKES Road due to construction, the Contractor shall maintain a minimum of one-way traffic during construction hours with the use of signs and flagmen as shown on the Traffic Control Standards. Two lanes of traffic shall be maintained at all other times when non-crossing work or no construction activities are being carried on. Access to all adjoining properties shall be maintained at all times.

INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
1.	COVER SHEET AND LOCATION MAP
2.	GENERAL NOTES, STATE STANDARDS, AND INDEX OF SHEETS
3.	SUMMARY OF QUANTITIES
4.	TYPICAL EXISTING CROSS SECTIONS AND REMOVAL WORK
5.	TYPICAL PROPOSED CROSS SECTIONS
6.	PLAN, CONSTRUCTION NOTES, AND DETAILS
7.	PLAN, CONSTRUCTION NOTES, AND DETAILS
8.	PLAN, CONSTRUCTION NOTES, AND DETAILS
9.	PLAN, CONSTRUCTION NOTES, AND DETAILS
10.	STRIPING PLAN
11.	STRIPING PLAN
12.	STRIPING PLAN
13.	STRIPING PLAN
DISTRICT ONE CADD DETAILS	
14.	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
15.	(TC-13) TYPICAL PAVEMENT MARKINGS
16.	(BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
17.	(BD-32) BUTT JOINT AND HMA TAPER DETAILS

LEGEND

EXISTING	DESCRIPTION	PROPOSED
	SANITARY SEWER	
	STORM SEWER	
	END SECTION	
	WATER MAIN & SIZE	
	WATER SERVICE & BOX	
	CONTOUR	
	GAS MAIN	
	TELEPHONE CABLE	
	MANHOLE	
	CATCH BASIN	
	INLET	
	HYDRANT	
	VALVE VAULT	
	TREE	
	ELEVATION	
	STREET LIGHT	
	SIGNS	
	FOUND IRON PIPE	
	GUY WIRE	
	FLAG POLE	
	UTILITY POLE	
	UTILITY PEDESTAL	
	HANDHOLE	

STATE STANDARDS

STD. NO.	DESCRIPTION
00001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701306-01	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS-- DAY ONLY, FOR SPEEDS >45 MPH
701501-04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS

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 Sugar Grove, Illinois 60554
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VILLAGE OF SUGAR GROVE
 10 MUNICIPAL DRIVE
 SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
2	07/16/08	PER IDOT COMMENTS
1	07/01/08	PER IDOT COMMENTS

HANKES ROAD LAPP RESURFACING

GENERAL NOTES, STATE STANDARDS, AND INDEX OF SHEETS

DATE:	MAY 2008
PROJECT NO.:	SG0826
FILE NO.:	SG0826-CVR
SHEET	2 OF 17

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	CONST. CODE 1000 TOTAL QUANTITY
21400100	GRADING & SHAPING DITCHES	FOOT	1140
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	2467
40600300	AGGREGATE (PRIME COAT)	TON	20
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	618
40600895	CONSTRUCTING TEST STRIP	EA	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	248
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1655
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	37
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	40
42400800	DETECTABLE WARNINGS	SQ FT	8
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	2160
44000198	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	225
44000600	SIDEWALK REMOVAL	SQ FT	40
44001700	COMBINATION CURB AND GUTTER REMOVAL & REPLACEMENT	FOOT	30
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	24
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	145
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	216
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	11600
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	300
60260100	INLETS TO BE ADJUSTED	EACH	1
67100100	MOBILIZATION	L SUM	1
70101800	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1450
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1450
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	484
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	36.4
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23200
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	199
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	55
X0322052	ASPHALT REJUVENATING AGENT	GAL	1428
X0324096	HOT IN-PLACE RECYCLING	SQ YD	14275
XX006425	RESTORATION	SQ YD	1000

* SPECIALTY ITEMS

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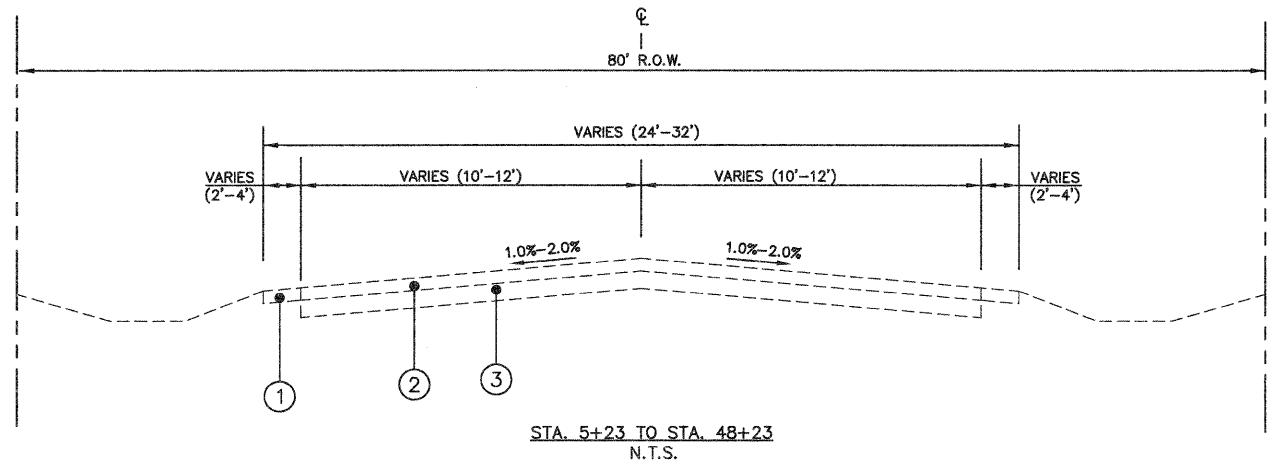
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1	07/01/08	PER IDOT COMMENTS
NO.	DATE	REVISIONS

HANKES ROAD LAPP RESURFACING

SUMMARY OF QUANTITIES

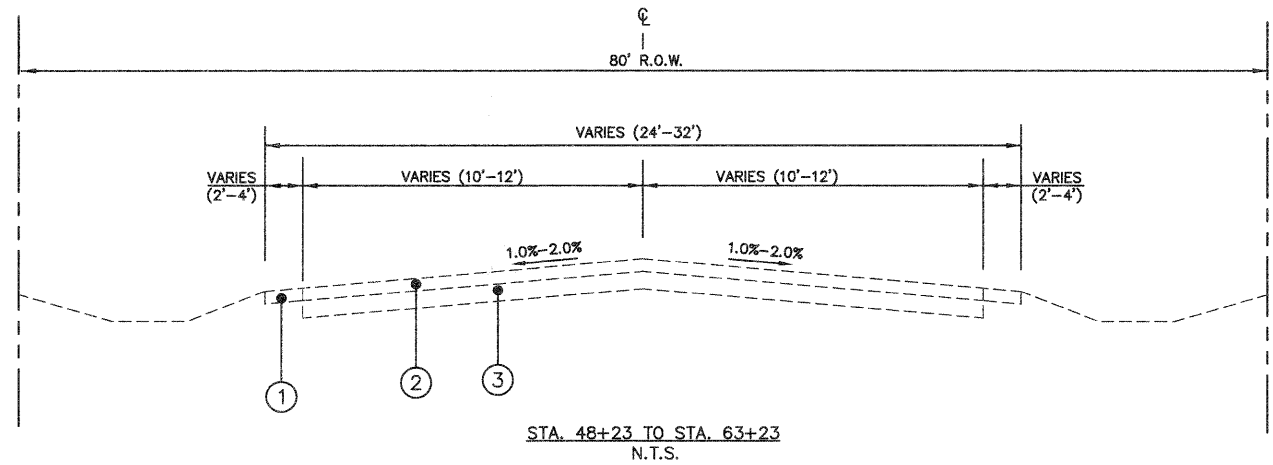
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PROJECT NO:	SG0826
FILE NO:	SG0826-CVR
SHEET	3 OF 17

PLOT: H:\SG0826\SG0826\DWG\QMS\FINAL\ENG\SG0826-CVR



LEGEND

①	EXISTING AGGREGATE SHOULDERS
②	EXISTING 7.5" HOT-MIX ASPHALT SURFACE
③	EXISTING 9.0" AGGREGATE BASE



LEGEND

①	EXISTING AGGREGATE SHOULDERS
②	EXISTING 4.25" HOT-MIX ASPHALT SURFACE
③	EXISTING 16.0" AGGREGATE BASE

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VILLAGE OF SUGAR GROVE
10 MUNICIPAL DRIVE
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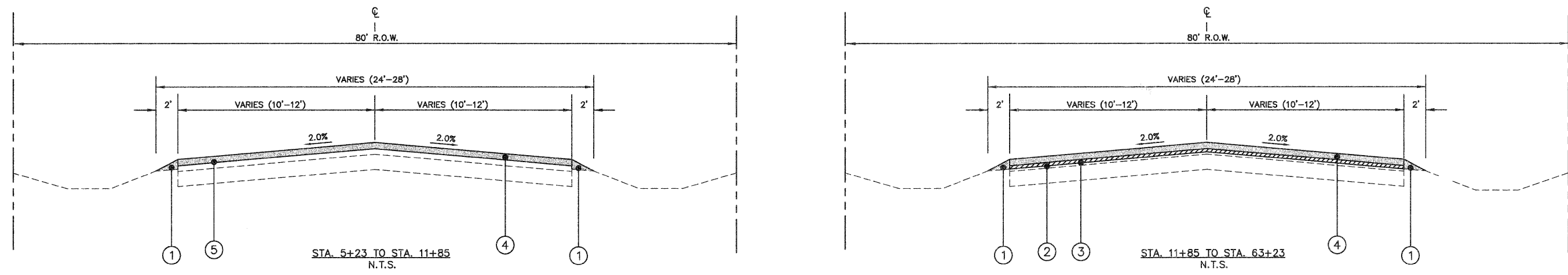
NO.	DATE	REVISIONS
2	07/16/08	PER IDOT COMMENTS
1	07/01/08	PER IDOT COMMENTS

HANKES ROAD LAPP RESURFACING

TYPICAL EXISTING CROSS SECTIONS

DATE:	MAY 2008
PROJECT NO:	SG0826
FILE NO:	SG0826-CVR
SHEET	4 OF 17

Part: H:\S0826\PROJ\SG0826\DWG\DWG_FINAL_ENG\SG0826-CVR



- LEGEND**
- ① AGGREGATE WEDGE SHOULDER, TYPE B
 - ② HOT IN-PLACE RECYCLING
 - ③ LEVELING BINDER (MACHINE METHOD), N50, 3/4"
 - ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 3/4"
 - ⑤ HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE		
PAY ITEM DESCRIPTION	AC TYPE	VOIDS
LEVELING BINDER (MACHINE METHOD), N50, 3/4" (IL-9.5MM)	PG 64-22 *	4% @ 50
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 3/4" (IL-9.5MM)	PG 64-22	4% @ 50
INCIDENTAL HOT-MIX ASPHALT SURFACING MIX "C", N50, 2" (IL-9.5MM)	PG 64-22	4% @ 50
CLASS D PATCHES, VARIED TYPE, 5 INCH, (BINDER IL-19MM)	PG 64-22 *	4% @ 70

NOTES

CONTRACTOR SHALL USE HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, FOR ALL PATCHES.

UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX SURFACE MIXTURES IS 112 LBS/SY/IN.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

CONTRACTOR SHALL USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL-9.5MM) FOR ALL INCIDENTAL HOT-MIX ASPHALT SURFACING USED ON DRIVEWAYS.

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VILLAGE OF SUGAR GROVE
10 MUNICIPAL DRIVE
SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
2	07/16/08	PER IDOT COMMENTS
1	07/01/08	PER IDOT COMMENTS

HANKES ROAD LAPP RESURFACING

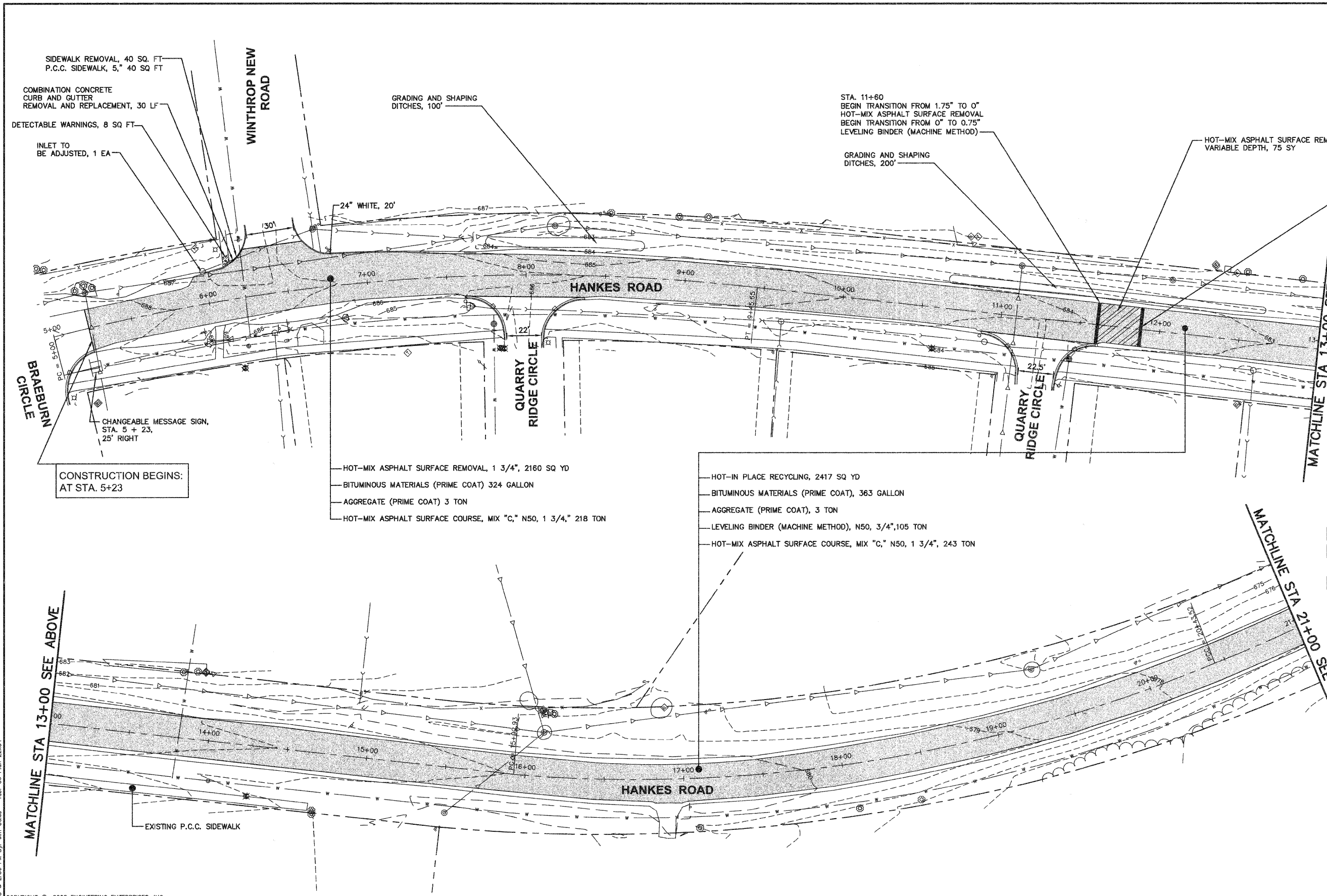
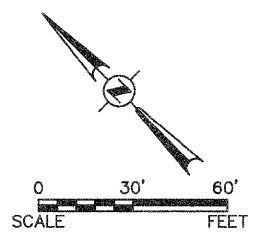
TYPICAL PROPOSED CROSS SECTIONS

DATE: MAY 2008
PROJECT NO: SG0826
FILE NO: SG0826-CVR
SHEET **5** OF **17**

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	6

CONTRACT NO. 63063



STA. 11+60
BEGIN TRANSITION FROM 1.75" TO 0"
HOT-MIX ASPHALT SURFACE REMOVAL
BEGIN TRANSITION FROM 0" TO 0.75"
LEVELING BINDER (MACHINE METHOD)

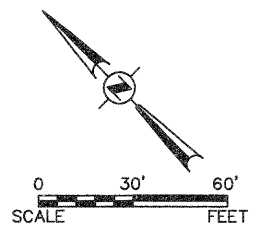
GRADING AND SHAPING
DITCHES, 200'

HOT-MIX ASPHALT SURFACE REMOVAL,
VARIABLE DEPTH, 75 SY

- NOTES:
1. STRIP REFLECTIVE CRACK CONTROL TO BE USED FOR ALL LONGITUDINAL CRACKS, AND TRANSVERSE CRACKS AS DIRECTED BY THE ENGINEER.
 2. THE CONSTRUCTION LIMIT FOR DRIVEWAYS SHALL BE AT THE ROW LINE UNLESS THERE IS AN EXISTING CONCRETE APRON CLOSER TO THE ROADWAY, OR AS OTHERWISE DIRECTED BY THE ENGINEER. THE CONSTRUCTION LIMIT FOR DRIVEWAYS SHALL NOT BE OUTSIDE THE ROW.
 3. BARRICADES OR TEMPORARY RAMPS TO BE USED BY THE CONTRACTOR AROUND UTILITY ADJUSTMENTS AS DIRECTED BY THE ENGINEER.

LEGEND

	CLASS C & D PATCHES
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT & SIDEWALK REMOVAL AND REPLACEMENT
	HOT-MIX ASPHALT SURFACE COURSE
	INCIDENTAL HOT-MIX ASPHALT SURFACING
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



CONSTRUCTION BEGINS:
AT STA. 5+23

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4", 2160 SQ YD
- BITUMINOUS MATERIALS (PRIME COAT) 324 GALLON
- AGGREGATE (PRIME COAT) 3 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C," N50, 1 3/4", 218 TON

- HOT-IN PLACE RECYCLING, 2417 SQ YD
- BITUMINOUS MATERIALS (PRIME COAT), 363 GALLON
- AGGREGATE (PRIME COAT), 3 TON
- LEVELING BINDER (MACHINE METHOD), N50, 3/4", 105 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C," N50, 1 3/4", 243 TON

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VILLAGE OF SUGAR GROVE
 10 MUNICIPAL DRIVE
 SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
2	07/16/08	PER IDOT COMMENTS
1	07/01/08	PER IDOT COMMENTS

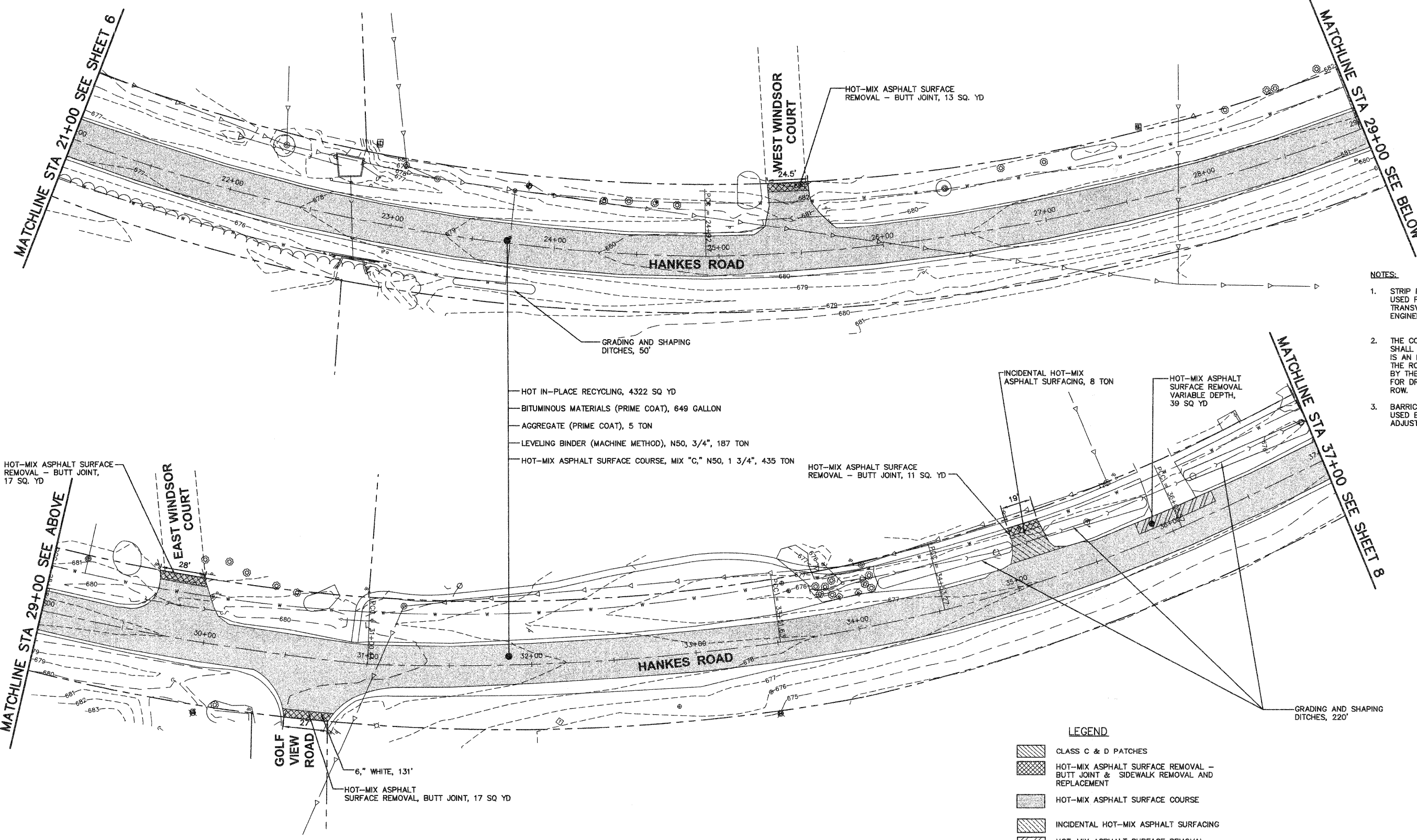
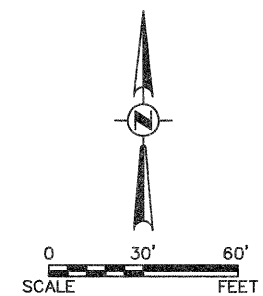
HANKES ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO.:	SG0826
FILE NO.:	SG0826-PLAN
SHEET	6 OF 17

Path: \\S:\SKETCH\SG0826\DWG\06.FINAL.ENG\SG0826-PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	7
CONTRACT NO. 63063				



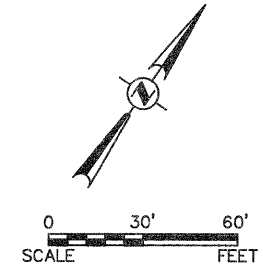
NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TO BE USED FOR ALL LONGITUDINAL CRACKS, AND TRANSVERSE CRACKS AS DIRECTED BY THE ENGINEER.
2. THE CONSTRUCTION LIMIT FOR DRIVEWAYS SHALL BE AT THE ROW LINE UNLESS THERE IS AN EXISTING CONCRETE APRON CLOSER TO THE ROADWAY, OR AS OTHERWISE DIRECTED BY THE ENGINEER. THE CONSTRUCTION LIMIT FOR DRIVEWAYS SHALL NOT BE OUTSIDE THE ROW.
3. BARRICADES OR TEMPORARY RAMPS TO BE USED BY THE CONTRACTOR AROUND UTILITY ADJUSTMENTS AS DIRECTED BY THE ENGINEER.

- HOT IN-PLACE RECYCLING, 4322 SQ YD
- BITUMINOUS MATERIALS (PRIME COAT), 649 GALLON
- AGGREGATE (PRIME COAT), 5 TON
- LEVELING BINDER (MACHINE METHOD), N50, 3/4", 187 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 3/4", 435 TON

LEGEND

- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT & SIDEWALK REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE COURSE
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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 Sugar Grove, Illinois 60554
 Phone: (630) 466-9350

VILLAGE OF SUGAR GROVE
 10 MUNICIPAL DRIVE
 SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
2	07/16/08	PER IDOT COMMENTS
1	07/01/08	PER IDOT COMMENTS

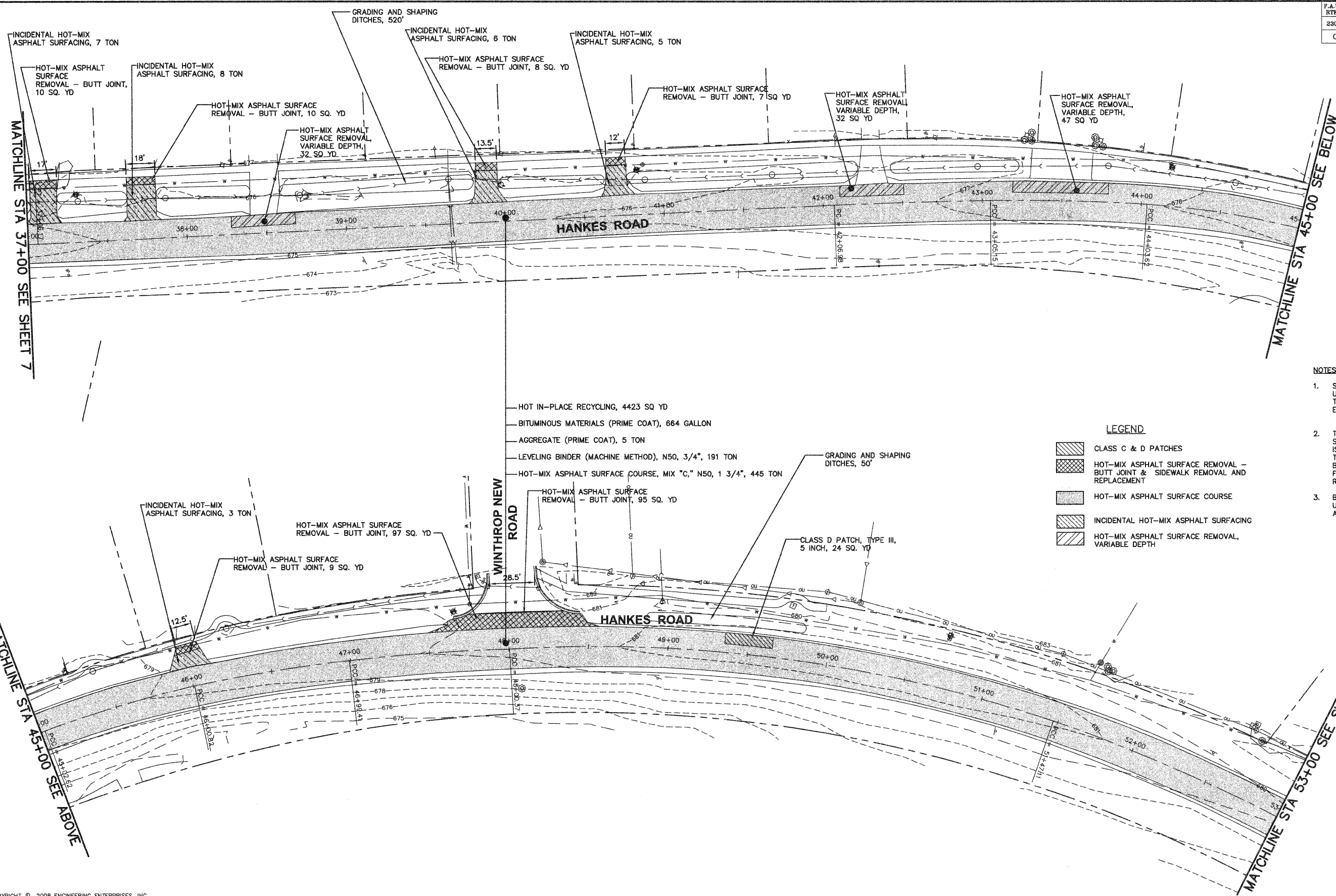
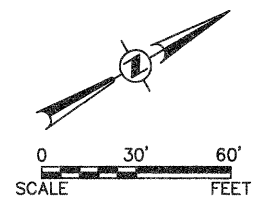
HANKES ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO:	SG0826
FILE NO:	SG0826-PLAN
SHEET	7 OF 17

DATE: 07/16/08 10:56 AM BY: JIM GAUSS - JOB: 07 PLAN 22X34

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	8
CONTRACT NO. 63063				



MATCHLINE STA 45+00 SEE BELOW

MATCHLINE STA 37+00 SEE SHEET 7

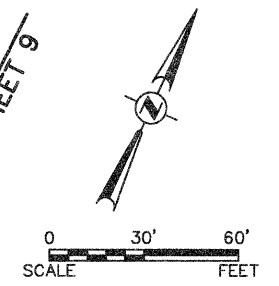
MATCHLINE STA 45+00 SEE ABOVE

NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TO BE USED FOR ALL LONGITUDINAL CRACKS, AND TRANSVERSE CRACKS AS DIRECTED BY THE ENGINEER.
2. THE CONSTRUCTION LIMIT FOR DRIVEWAYS SHALL BE AT THE ROW LINE UNLESS THERE IS AN EXISTING CONCRETE APRON CLOSER TO THE ROADWAY, OR AS OTHERWISE DIRECTED BY THE ENGINEER. THE CONSTRUCTION LIMIT FOR DRIVEWAYS SHALL NOT BE OUTSIDE THE ROW.
3. BARRICADES OR TEMPORARY RAMPS TO BE USED BY THE CONTRACTOR AROUND UTILITY ADJUSTMENTS AS DIRECTED BY THE ENGINEER.

LEGEND

- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT & SIDEWALK REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE COURSE
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



Plotted: July 16, 2008 @ 2:37 PM By: Jhm Colas - Tab: 08 Plan 22x34

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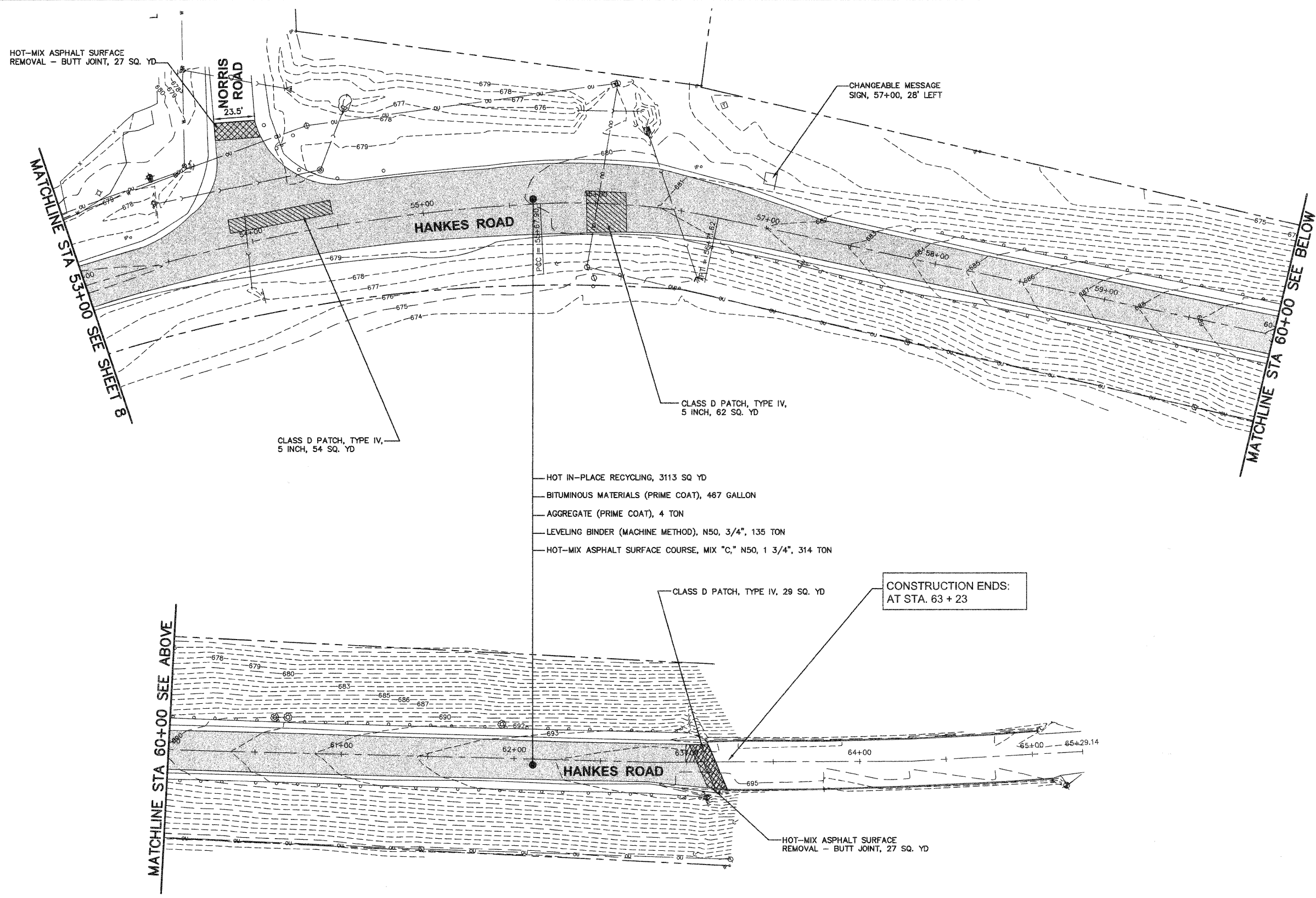
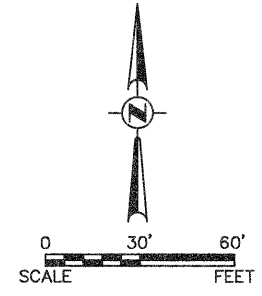
HANKES ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO.:	SG0826
FILE NO.:	SG0826-PLAN
SHEET	8 OF 17

SG0826.DWG DWG FINAL ENG SG0826-PLAN

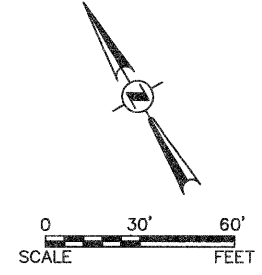
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	9
CONTRACT NO. 63063				



- NOTES:**
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LEGEND

	CLASS C & D PATCHES
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT & SIDEWALK REMOVAL AND REPLACEMENT
	HOT-MIX ASPHALT SURFACE COURSE
	INCIDENTAL HOT-MIX ASPHALT SURFACING
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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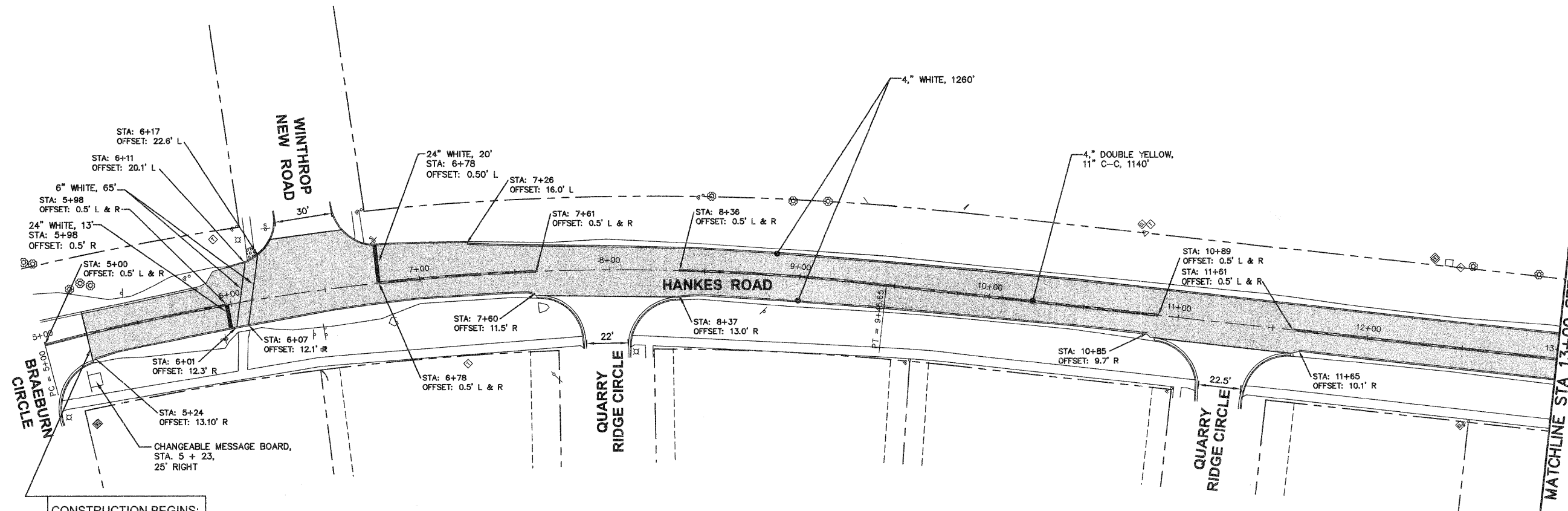
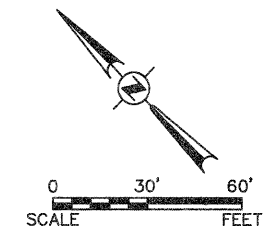
HANKES ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO:	SG0826
FILE NO:	SG0826-PLAN
SHEET	9 OF 17

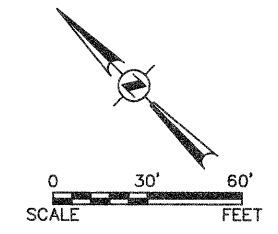
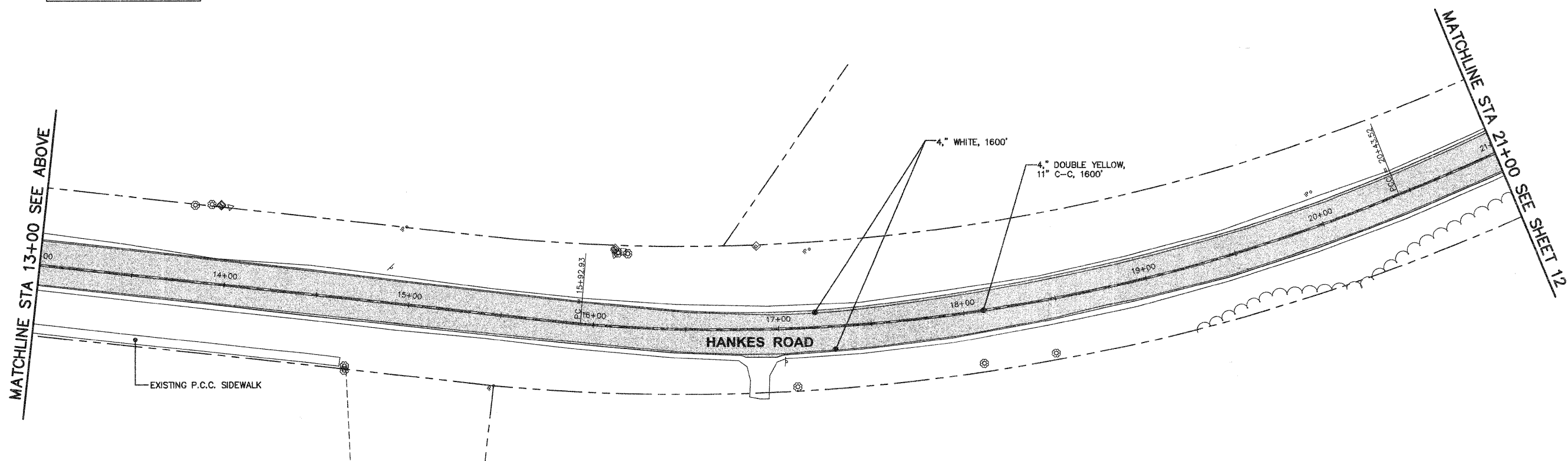
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	10
CONTRACT NO. 63063				



- NOTES:
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CONSTRUCTION BEGINS:
AT STA. 5+23



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1	07/01/08	PER IDOT COMMENTS

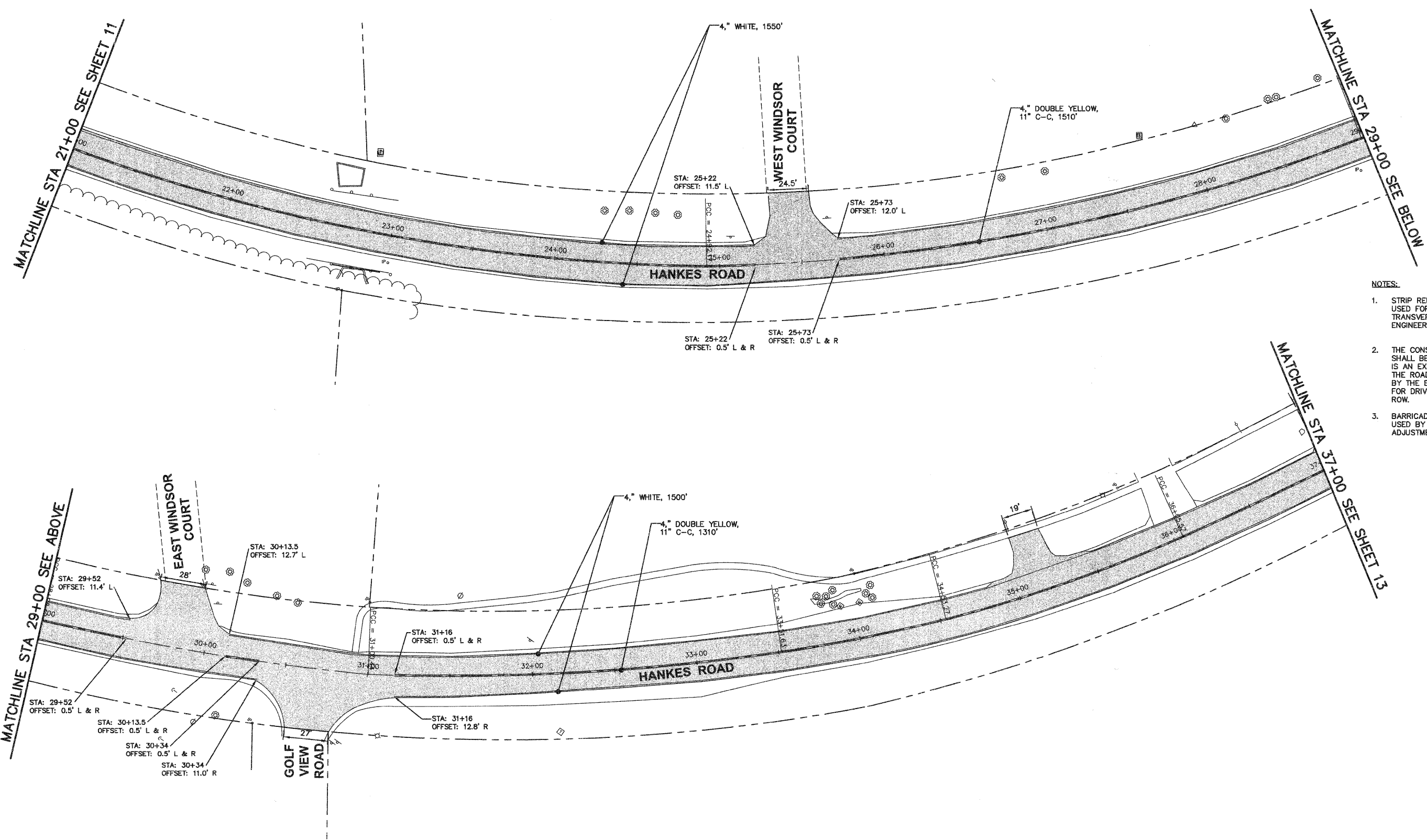
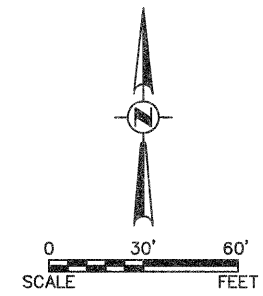
HANKES ROAD LAPP RESURFACING

STRIPING PLAN

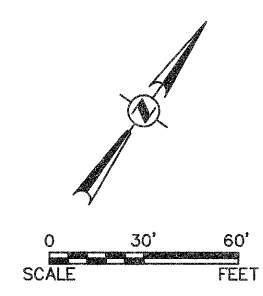
DATE:	MAY 2008
PROJECT NO.:	SG0826
FILE NO.:	SG0826-PLAN
SHEET	10 OF 17

Patch: SPSKRCU\SG0826\DWG\DWG_FINAL_ENG\SG0826-PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	11
CONTRACT NO. 63063				



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NO.	DATE	REVISIONS
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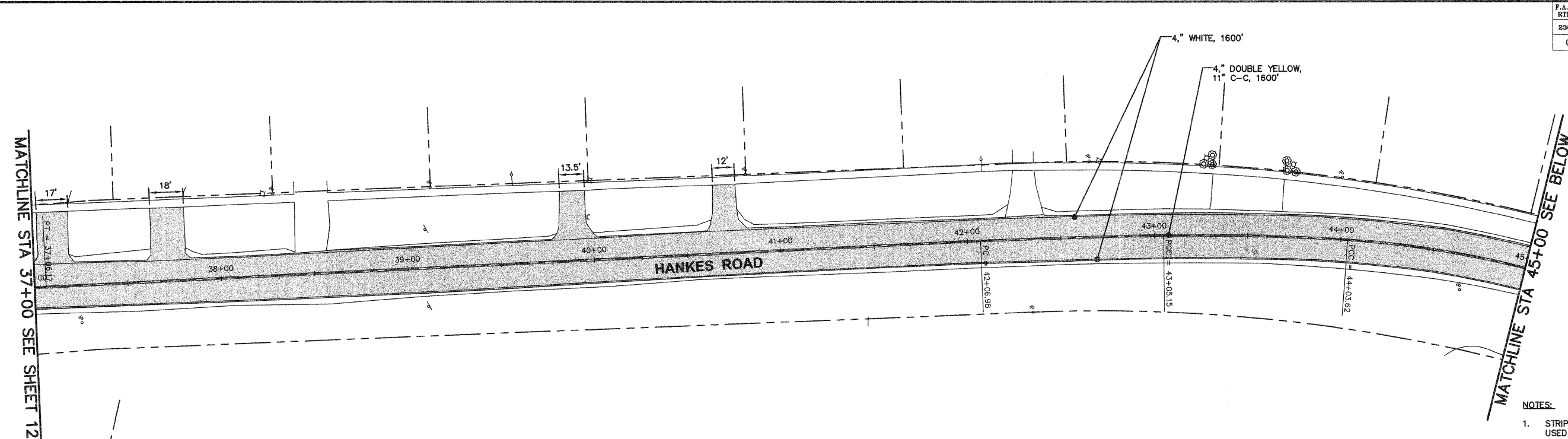
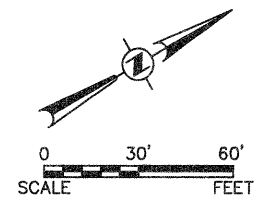
HANKES ROAD LAPP RESURFACING

STRIPING PLAN

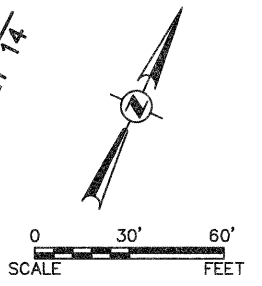
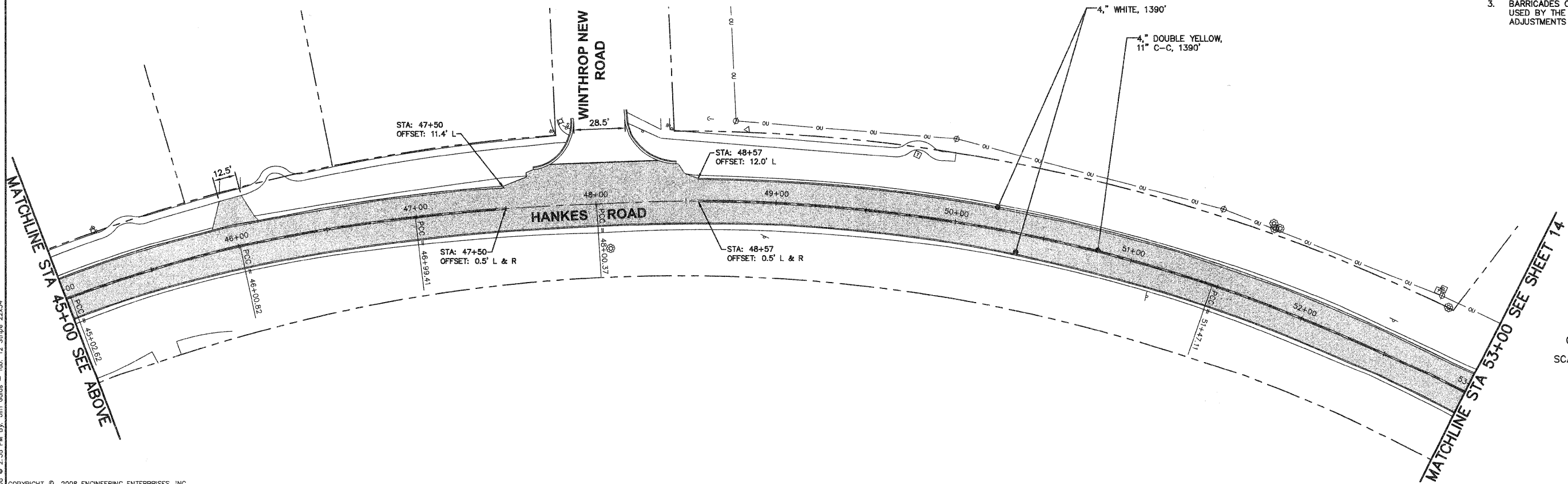
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PROJECT NO:	SG0826
FILE NO:	SG0826-PLAN
SHEET	11 OF 17

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-BS	KANE	17	12
CONTRACT NO. 63063				



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VILLAGE OF SUGAR GROVE
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 SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
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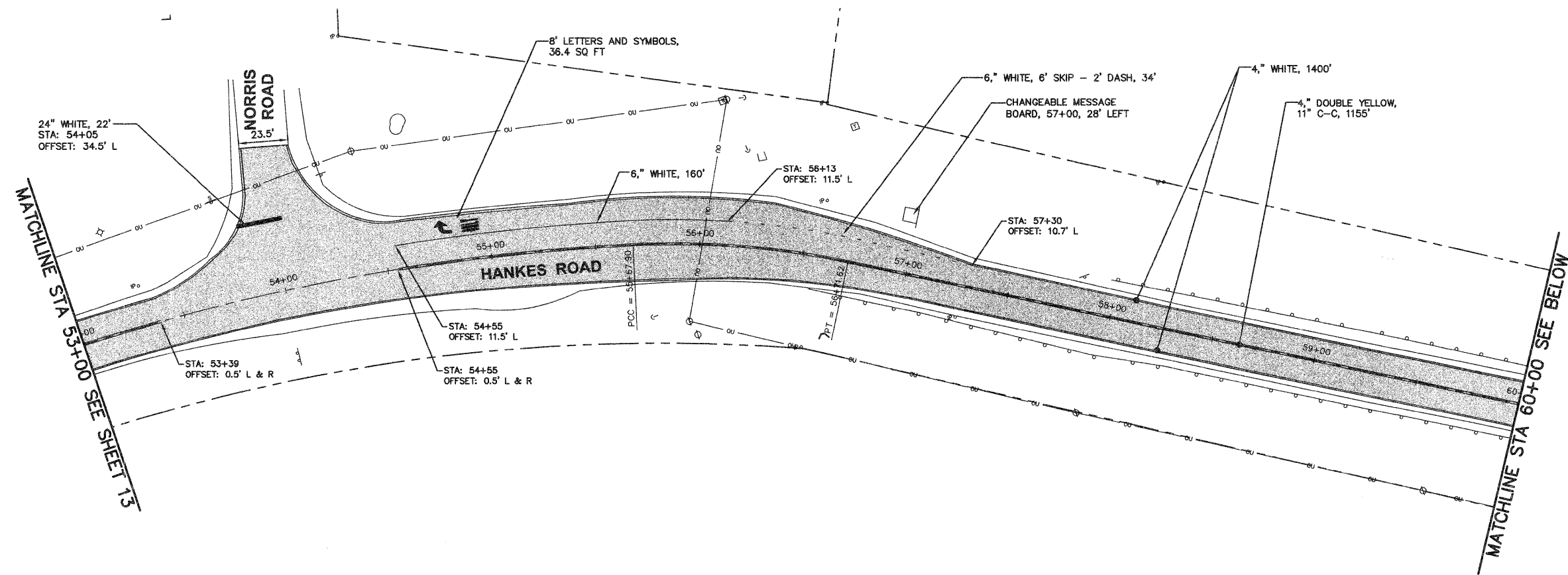
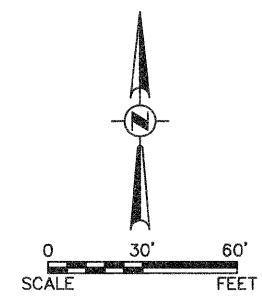
HANKES ROAD LAPP RESURFACING

STRIPING PLAN

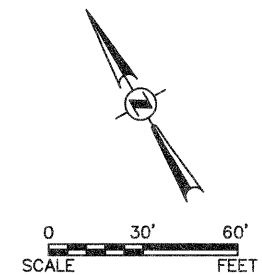
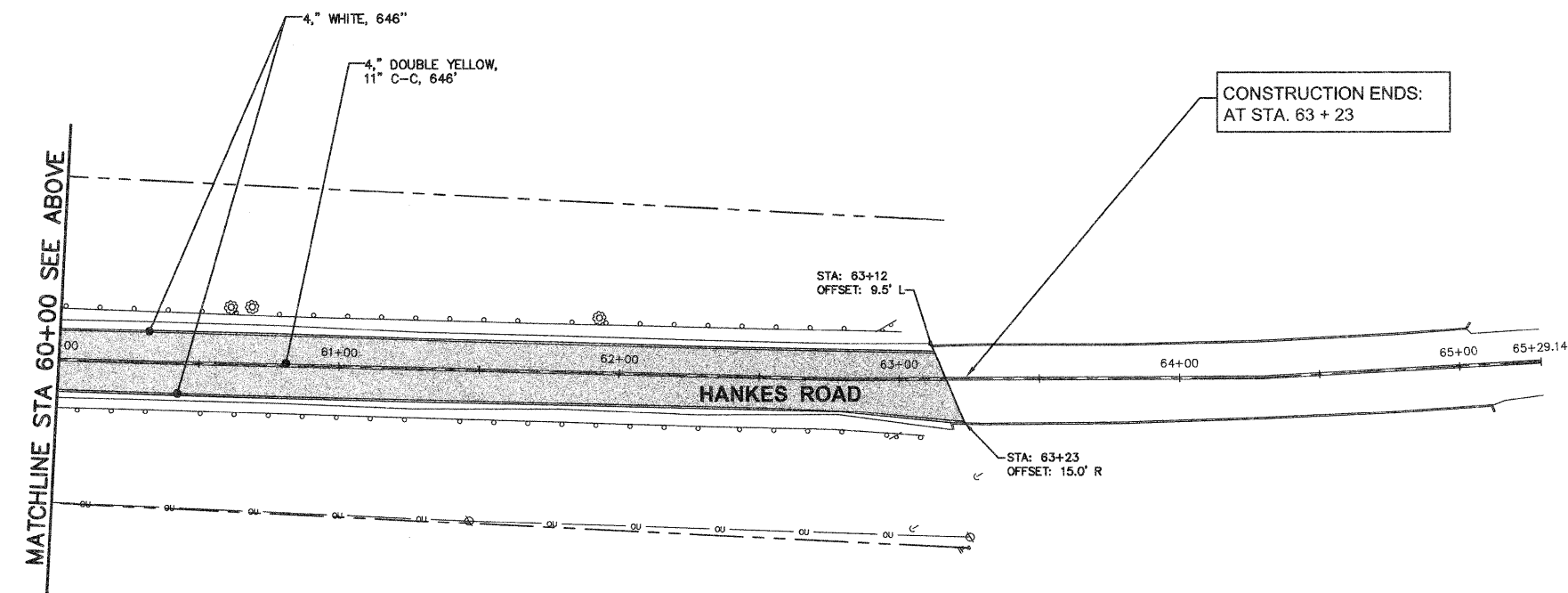
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 FILE NO: SG0826-PLAN
 SHEET **12** OF **17**

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-B5	KANE	17	13
CONTRACT NO. 63063				



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NO.	DATE	REVISIONS
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HANKES ROAD LAPP RESURFACING

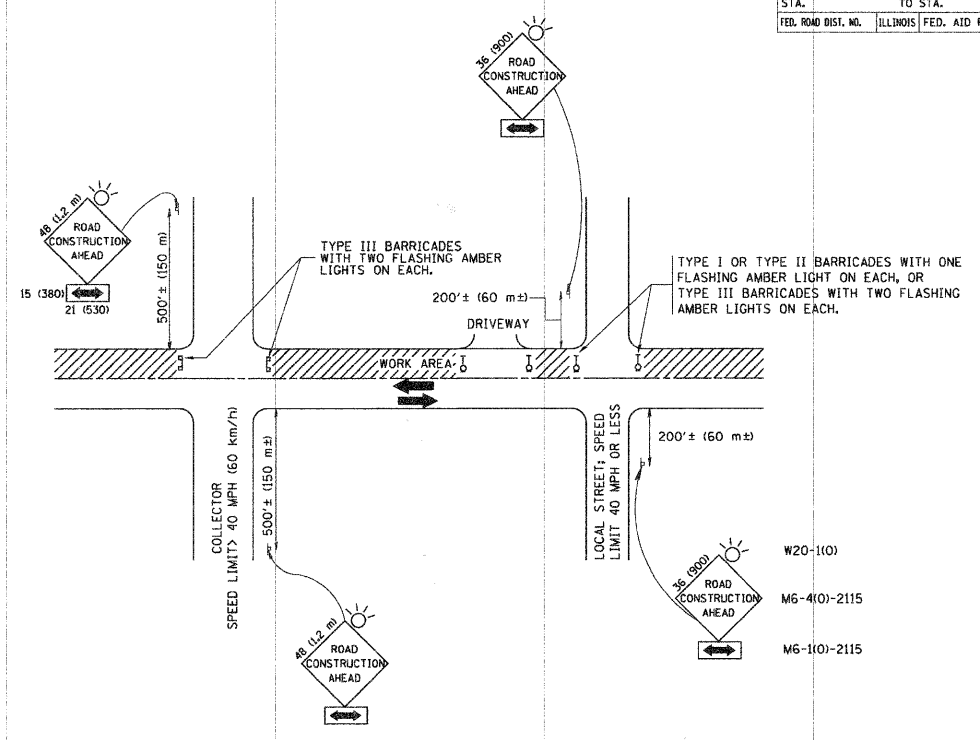
STRIPING PLAN

DATE:	MAY 2008
PROJECT NO:	SG0826
FILE NO:	SG0826-PLAN
SHEET	13 OF 17

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	14
CONTRACT NO. 63063				

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 70150), STD. 701606 OR THE APPROPRIATE STANDARD. THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE
 DRAWN BY
 CHECKED BY
 TC-10

Plotted: July 16, 2008 1:36 PM By: Jim Golos - Tab: 14 TC-10 22x34
 PLOT DATE: 7/16/2007
 FILE NAME: I:\Projects\2007\08-00020-00-RS\TC-10.dwg
 USER: JGOL
 PLOTTER: HP DesignJet 500

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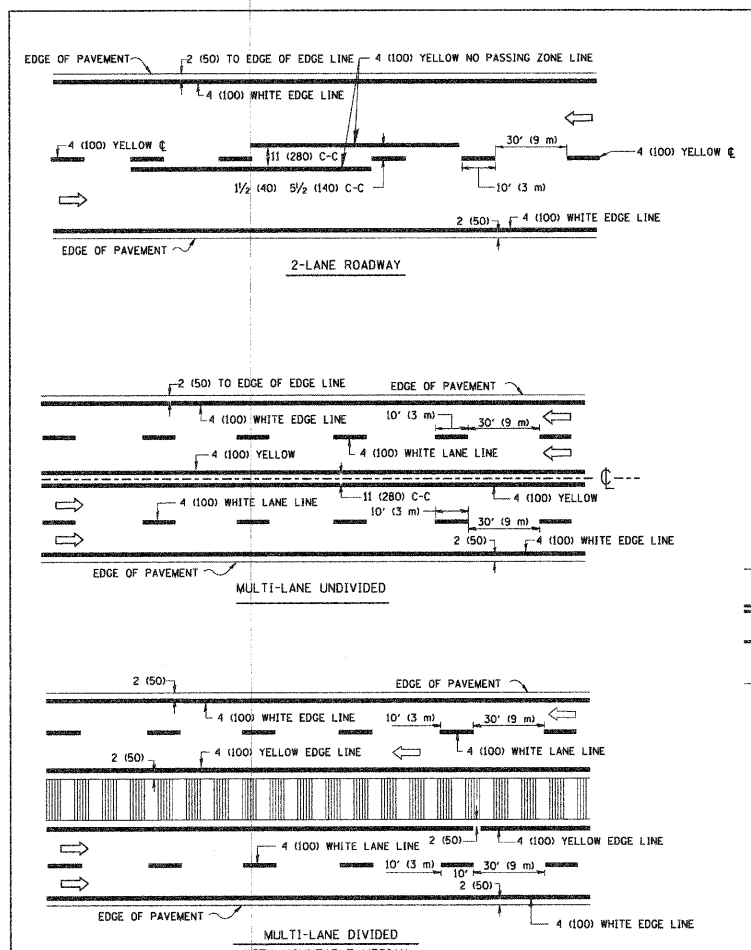
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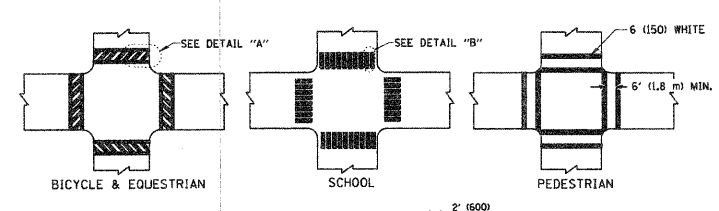
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS - TC-10

DATE:	MAY 2008
PROJECT NO.:	SG0826
FILE NO.:	SG0826-CVR
SHEET	14 OF 17

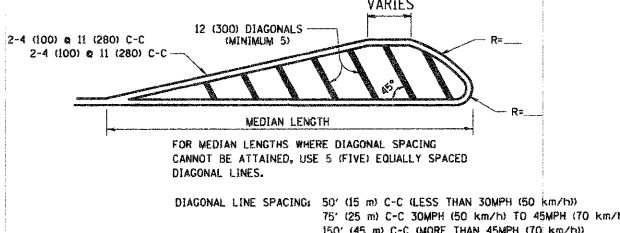
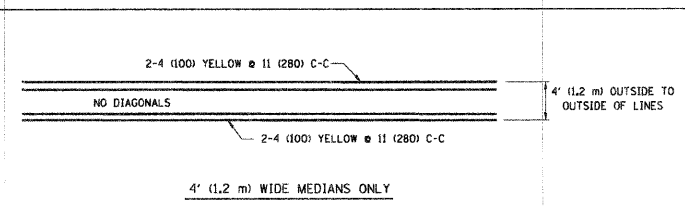
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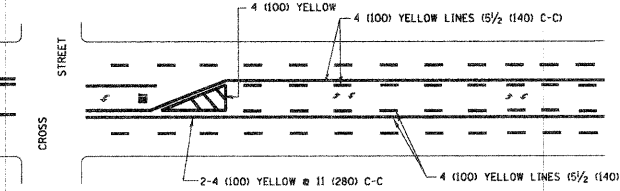
TYPICAL LANE AND EDGE LINE MARKING



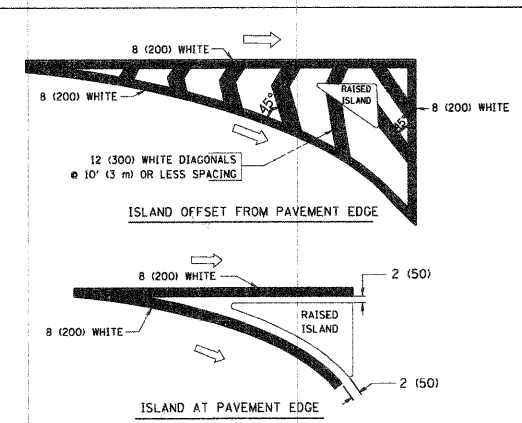
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR"=3.5 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (23 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-03

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CADD
CHECKED BY TC-13

Printed: July 16, 2008 @ 1:37 PM By: Jim Golos - Tab: 15 TC-13 22x34

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CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
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VILLAGE OF SUGAR GROVE
10 MUNICIPAL DRIVE
SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
2	07/16/08	PER IDOT COMMENTS
1	07/01/08	PER IDOT COMMENTS

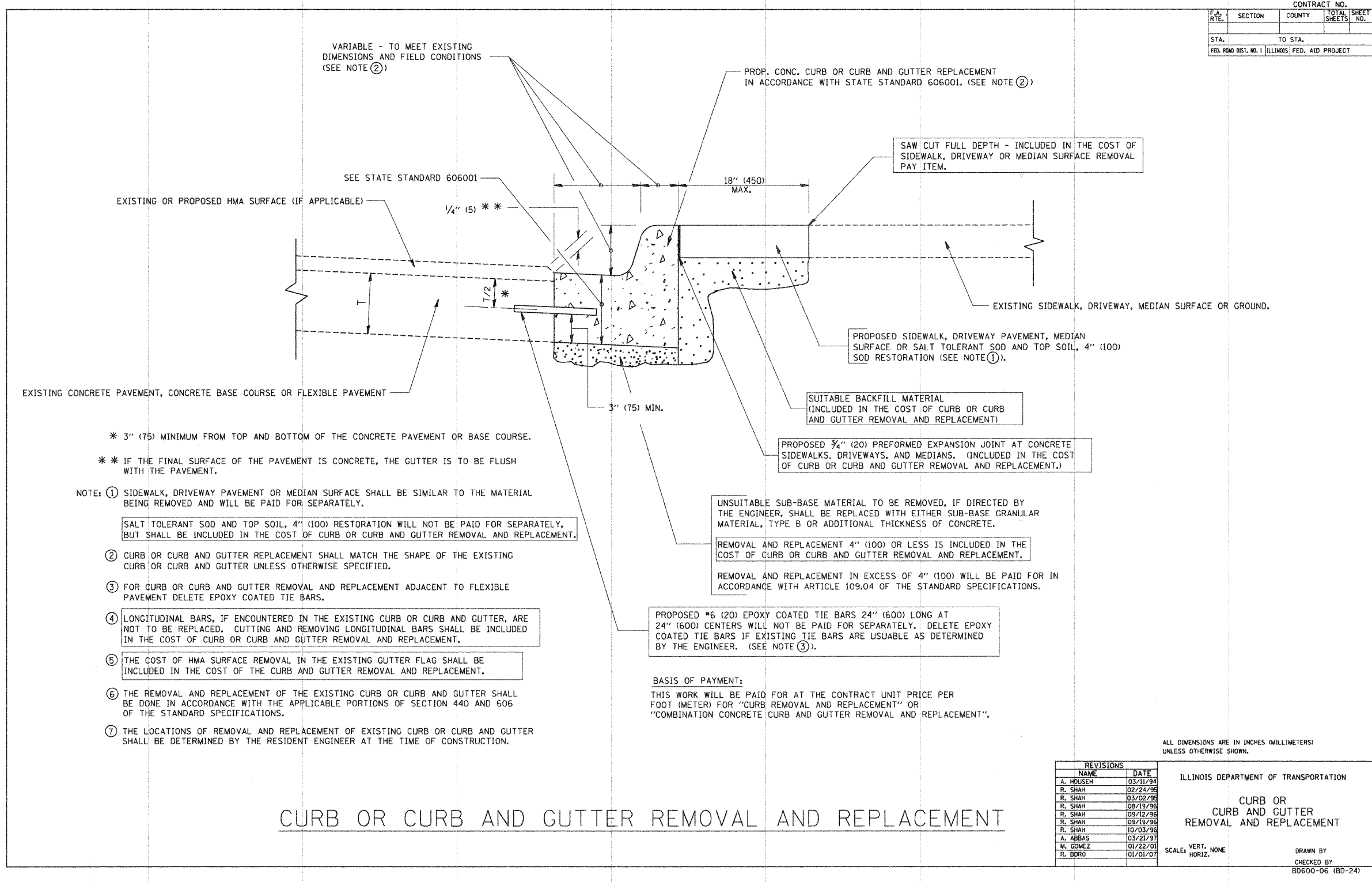
HANKES ROAD LAPP RESURFACING

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS
TC-13

DATE: MAY 2008
PROJECT NO: SG0826
FILE NO: SG0826-CVR
SHEET 15 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	16
CONTRACT NO. 63063				

CONTRACT NO.				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNUSABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/98
R. SHAH	08/19/98
R. SHAH	09/12/98
R. SHAH	09/19/98
R. SHAH	10/03/98
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY
BD600-06 (BD-24)

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

Plotted: July 16, 2008 1:37 PM By: Jim Golos - Tab: 16 BD-24 22,234

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NO.	DATE	REVISIONS
2	07/16/08	PER IDOT COMMENTS
1	07/01/08	PER IDOT COMMENTS

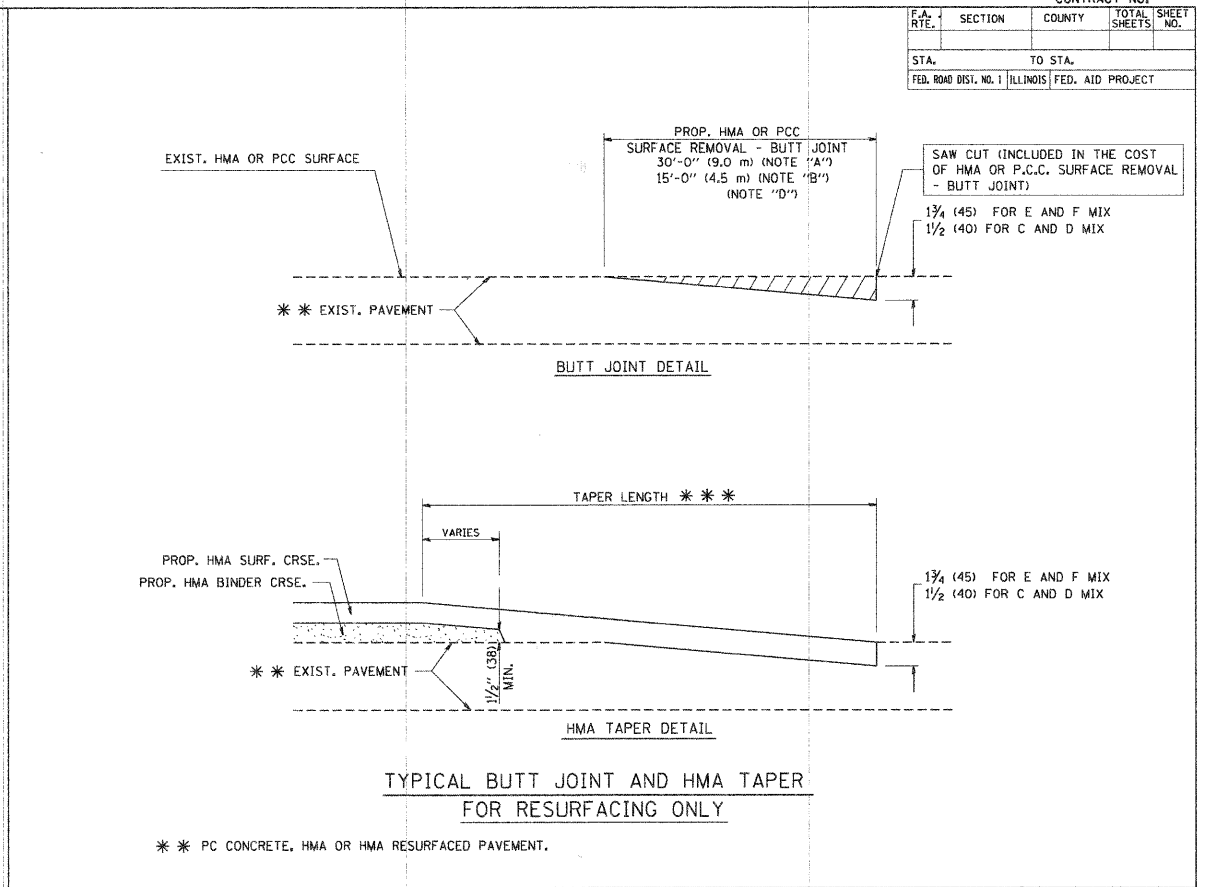
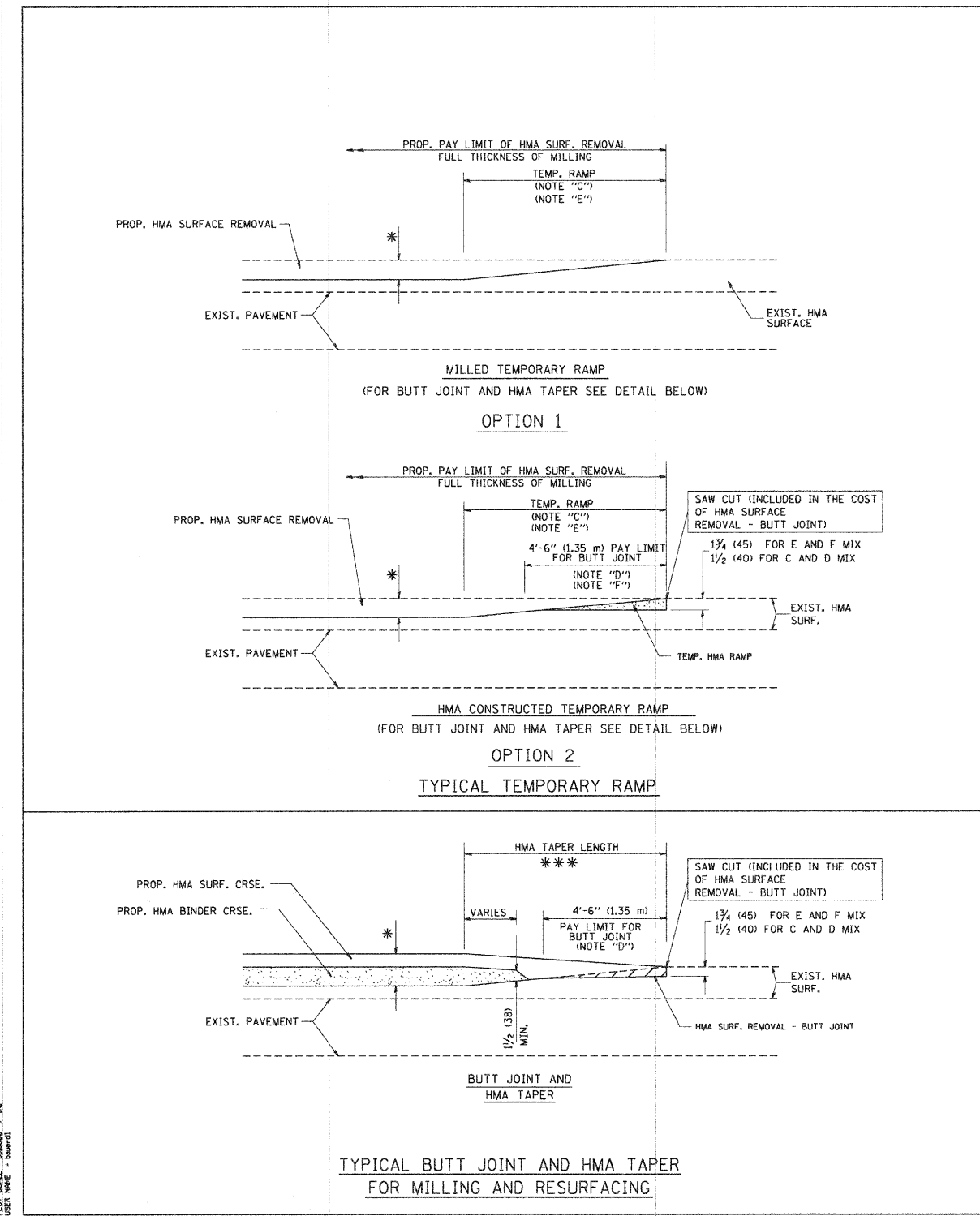
HANKES ROAD LAPP RESURFACING

**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**
BD-24

DATE:	MAY 2008
PROJECT NO:	SG0826
FILE NO:	SG0826-CVR
SHEET	16 OF 17

Path: H:\SG0826\PROJ\SG0826\DWG\DWG_FINAL_ENG\SG0826-CVR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2300	08-00020-00-RS	KANE	17	17
CONTRACT NO. 63063				



NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 B: MINOR SIDE ROADS.
 C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
 * * * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS

NO.	NAME	DATE
1	M. DE YONG	6-13-90
2	M. DE YONG	7-3-90
3	M. DE YONG	3-27-92
4	R. SHAH	09/09/94
5	R. SHAH	10/28/94
6	A. ABBAS	03/21/97
7	M. GOMEZ	04/08/01
8	R. BORD	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE
 HORIZ. NONE

DRAWN BY
 CHECKED BY
 BD400-05 (V1-BD32)

BASIS OF PAYMENT:
 THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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HANKES ROAD LAPP RESURFACING

BUTT JOINT AND HMA TAPER DETAILS
 BD-32

DATE: MAY 2008
 PROJECT NO: SC0826
 FILE NO: SG0826-CVR
 SHEET 17 OF 17

Path: H:\SG0826\PROJ\SG0826\DWG\DWG_FINAL_ENG\SG0826-CVR