

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
230506-00019-00-RS		KANE	18	2
CONTRACT NO. 63062				

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 108.08.
- 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.
- Wheeler Road shall remain open to traffic at all times. When necessary to close one lane of Wheeler 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.	TYPICAL PROPOSED CROSS SECTIONS
7.	PLAN, CONSTRUCTION NOTES, AND DETAILS
8.	PLAN, CONSTRUCTION NOTES, AND DETAILS
9.	PLAN, CONSTRUCTION NOTES, AND DETAILS
10.	PLAN, CONSTRUCTION NOTES, AND DETAILS
11.	PLAN, CONSTRUCTION NOTES, AND DETAILS
12.	PLAN, CONSTRUCTION NOTES, AND DETAILS
13.	PLAN, CONSTRUCTION NOTES, AND DETAILS
DISTRICT ONE CADD DETAILS	
14.	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
15.	(TC-11) RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
16.	(TC-13) TYPICAL PAVEMENT MARKINGS
17.	(BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
18.	(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
000001-05	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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VILLAGE OF SUGAR GROVE
10 MUNICIPAL DRIVE
SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

GENERAL NOTES, STATE STANDARDS, AND INDEX OF SHEETS

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-CVR
SHEET	2 OF 18

Plotted: July 15, 2008 @ 10:14 AM By: Jim Galois - Tab: 02 Notes 22x34

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SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	CONST. CODE 1000 TOTAL QUANTITY
21400100	GRADING AND SHAPING DITCHES	FOOT	190
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	4152
40600300	AGGREGATE (PRIME COAT)	TON	32
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1196
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	737
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2787
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	79
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	394
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	FOOT	90
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	13
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	41
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1813
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	1000
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	9872
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	320
48203009	HOT-MIX ASPHALT SHOULDERS, 3"	SQ YD	304
67100100	MOBILIZATION	L SUM	1
70101800	TRAFFIC CONTROL & PROTECTION, SPECIAL	L SUM	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2468
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2468
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	823
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62.4
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	34251
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	138
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	80
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	45
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	55
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	55
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	105
X0322052	ASPHALT REJUVENATING AGENT	GAL	2585
X0324096	HOT IN-PLACE RECYCLING	SQ YD	25832
XX006425	RESTORATION	SQ YD	570

*SPECIALTY ITEMS

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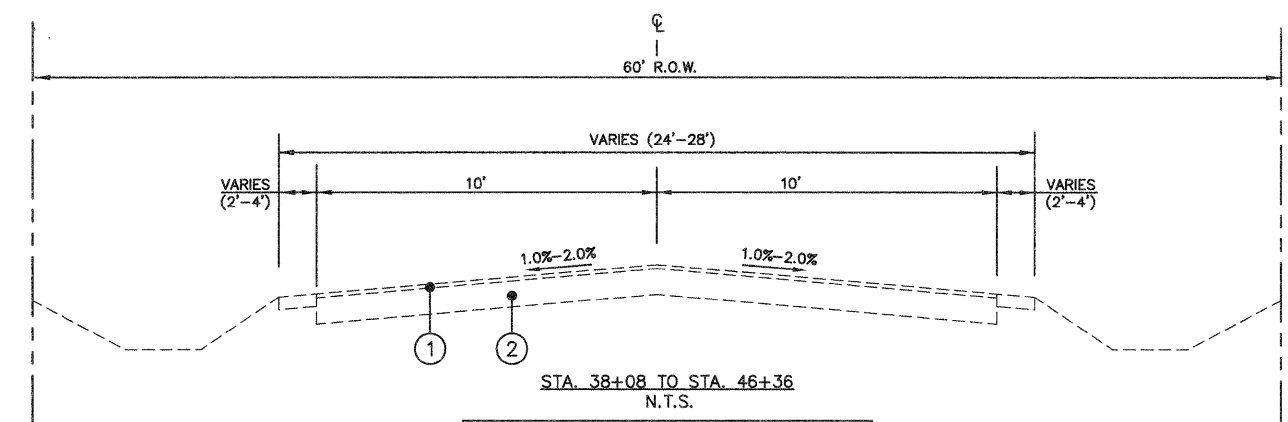
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2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

SUMMARY OF QUANTITIES

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-CVR
SHEET	3 OF 18

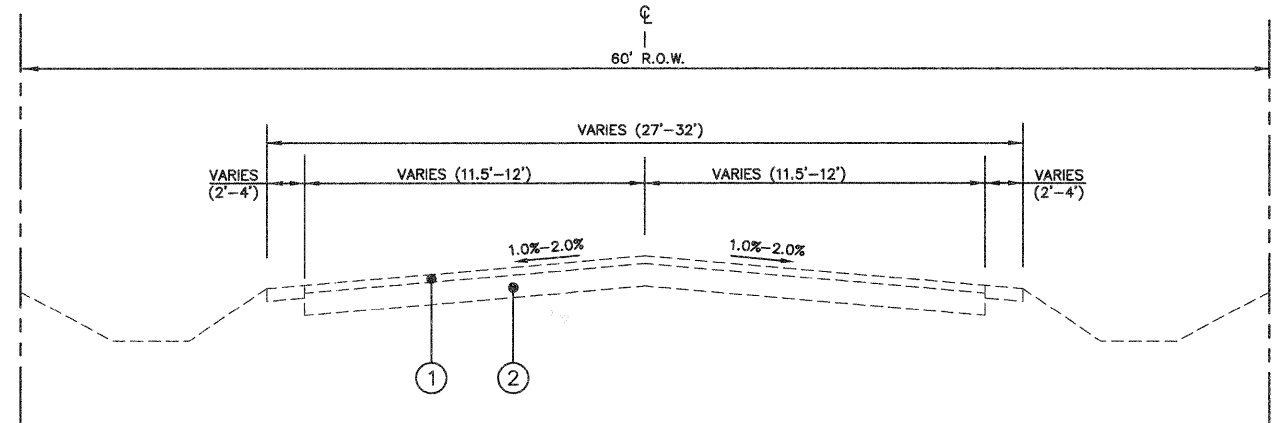
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STA. 38+08 TO STA. 46+36
N.T.S.

LEGEND

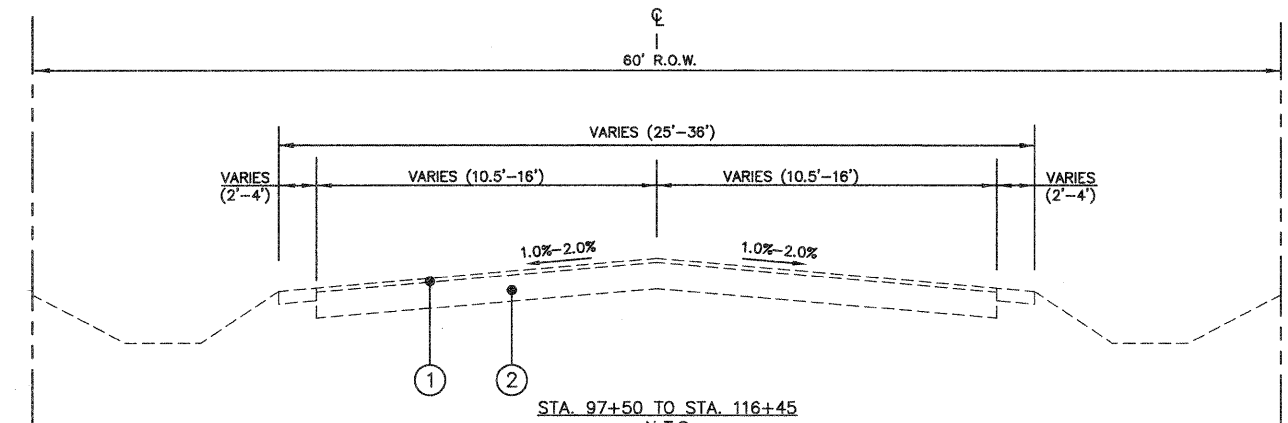
① EXISTING 1.0" HOT-MIX ASPHALT SURFACE
② EXISTING 16.5" AGGREGATE BASE



STA. 46+36 TO STA. 97+50
N.T.S.

LEGEND

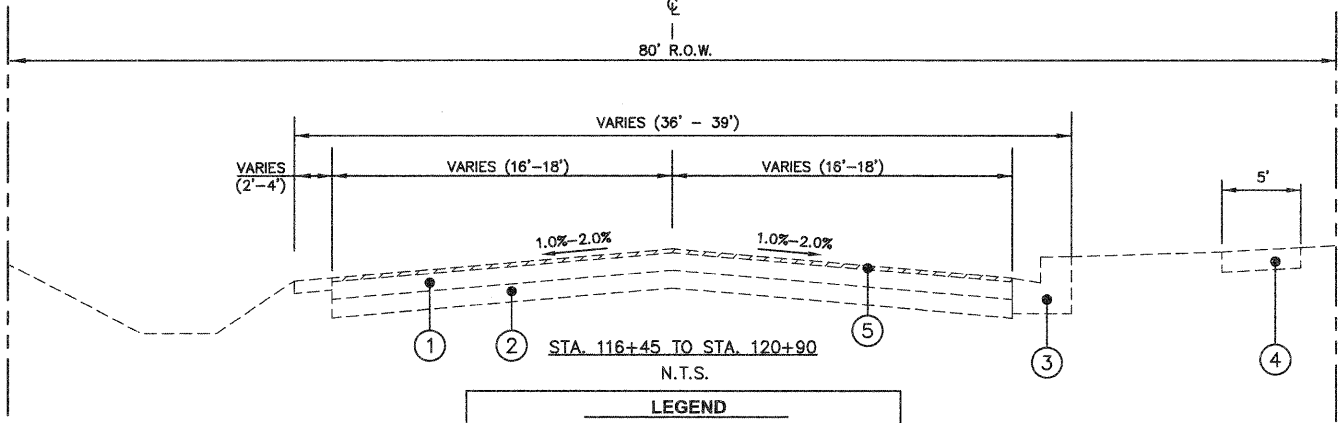
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② EXISTING 14.5" AGGREGATE BASE



STA. 97+50 TO STA. 116+45
N.T.S.

LEGEND

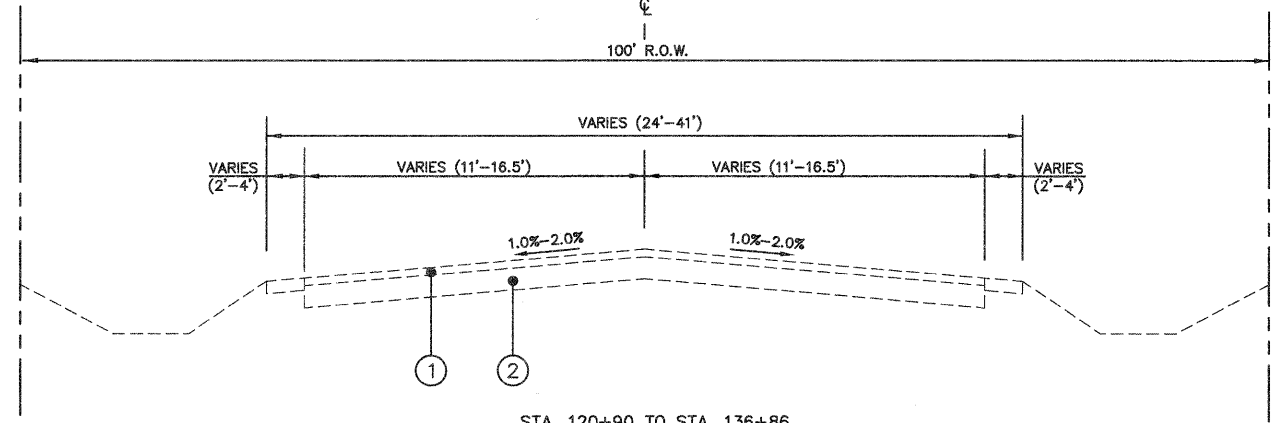
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② EXISTING 14.5" AGGREGATE BASE



STA. 116+45 TO STA. 120+90
N.T.S.

LEGEND

① EXISTING 8.1" HOT-MIX ASPHALT SURFACE
② EXISTING 10.5" AGGREGATE BASE
③ EXISTING CONCRETE CURB & GUTTER
④ EXISTING CONCRETE SIDEWALK
⑤ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"



STA. 120+90 TO STA. 136+86
N.T.S.

LEGEND

① EXISTING 3.25" HOT-MIX ASPHALT SURFACE
② EXISTING 14.25" AGGREGATE BASE

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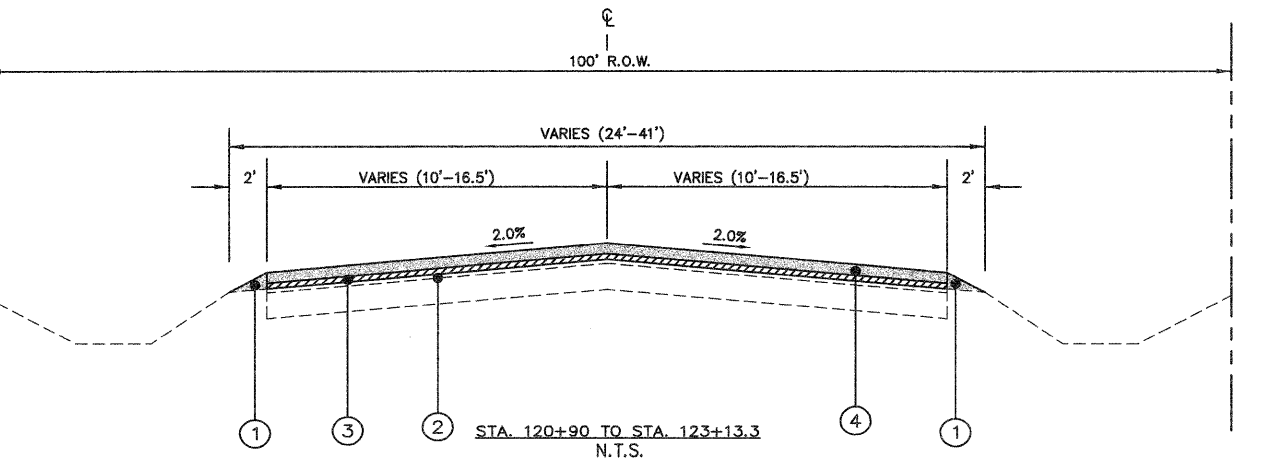
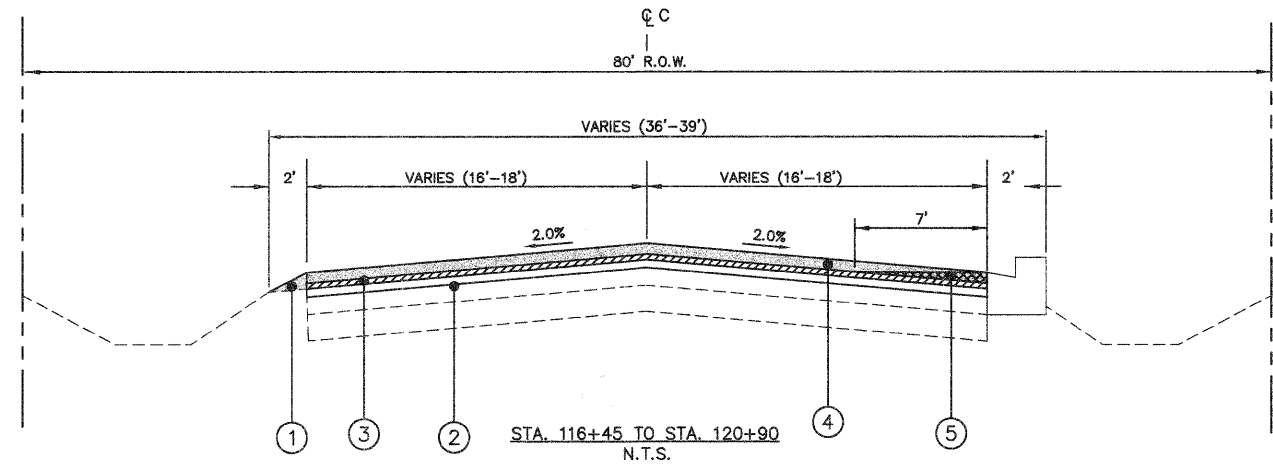
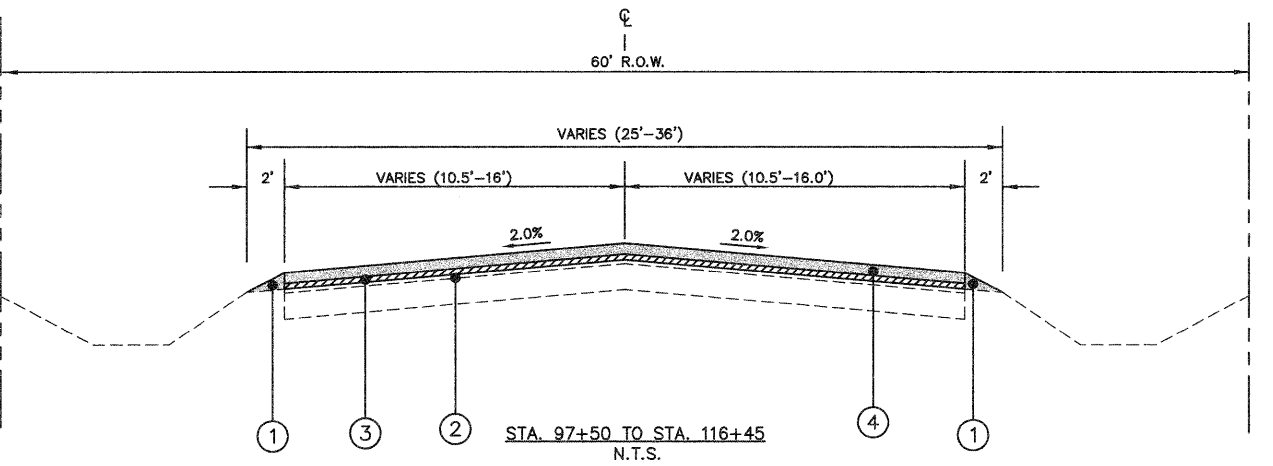
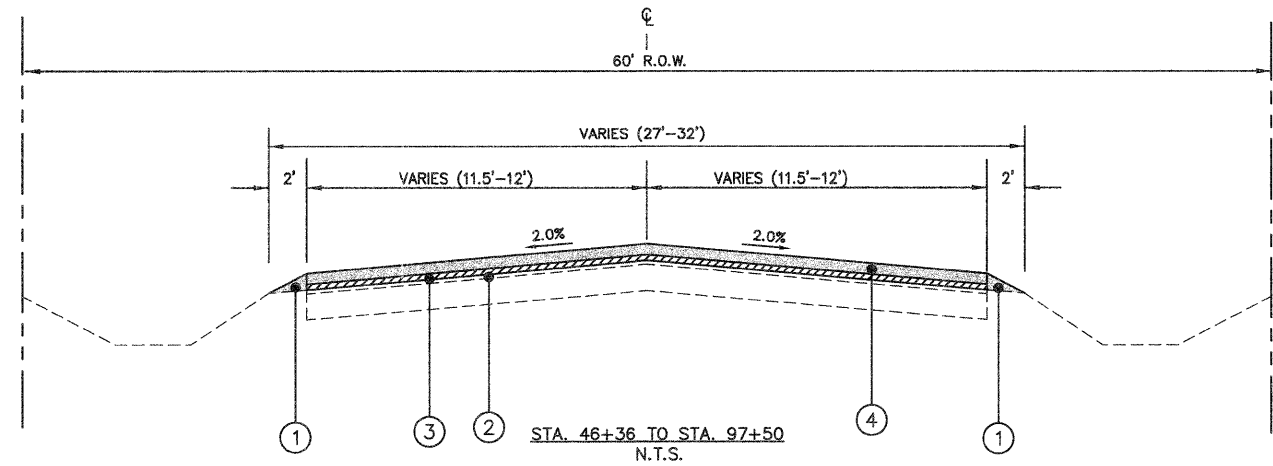
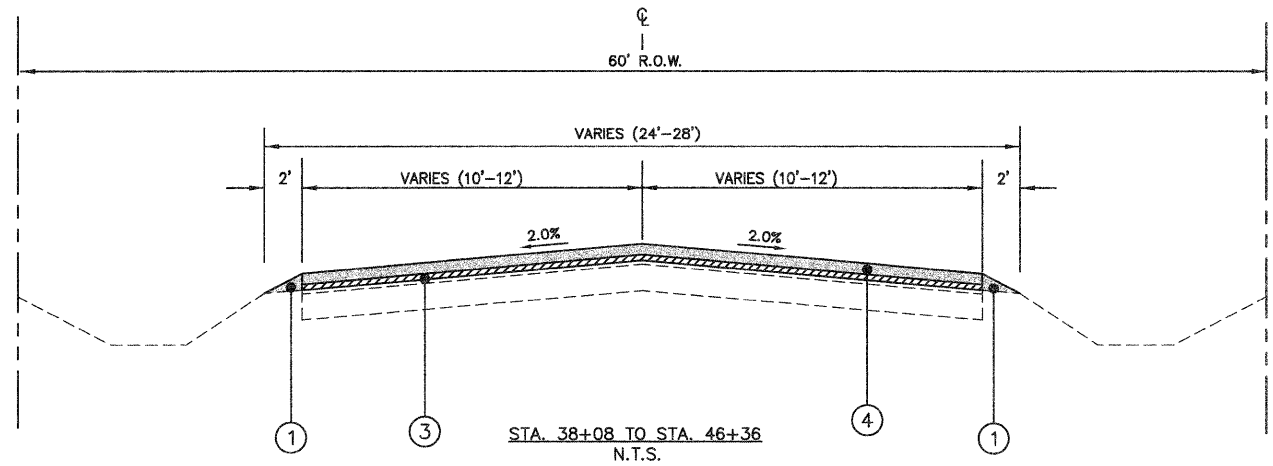
NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

TYPICAL EXISTING CROSS SECTIONS AND REMOVAL WORK

DATE: MAY 2008
 PROJECT NO: SG0825
 FILE NO: SG0825-CVR
 SHEET **4** OF **18**

Path:H:\SG0825\SG0825\DWG\YONG_FINAL_ENG\SG0825-CVR



LEGEND

- ① AGGREGATE WEDGE SHOULDER, TYPE B
- ② HOT IN-PLACE ASPHALT SURFACE 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, VARIABLE DEPTH

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE

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

NOTES

CONTRACTOR SHALL USE HOT-MIX ASPHALT BINDER COURSE, 1L-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 SURFACE COURSE, MIX "C", N50, 2" (1L-9.5MM) FOR ALL INCIDENTAL HOT-MIX ASPHALT SURFACING.

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NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

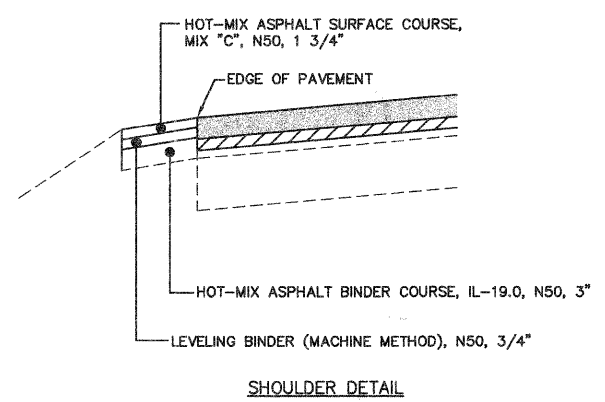
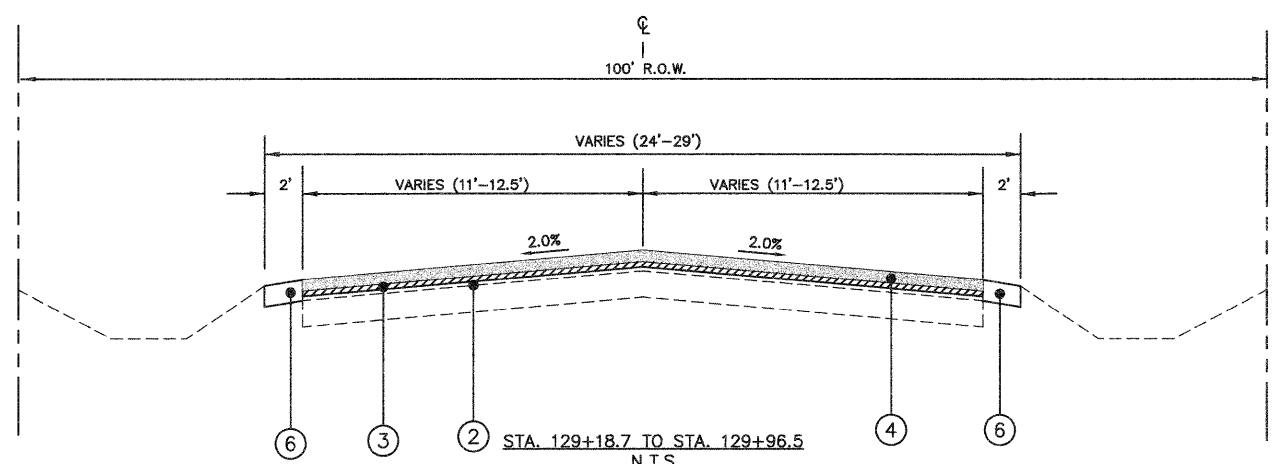
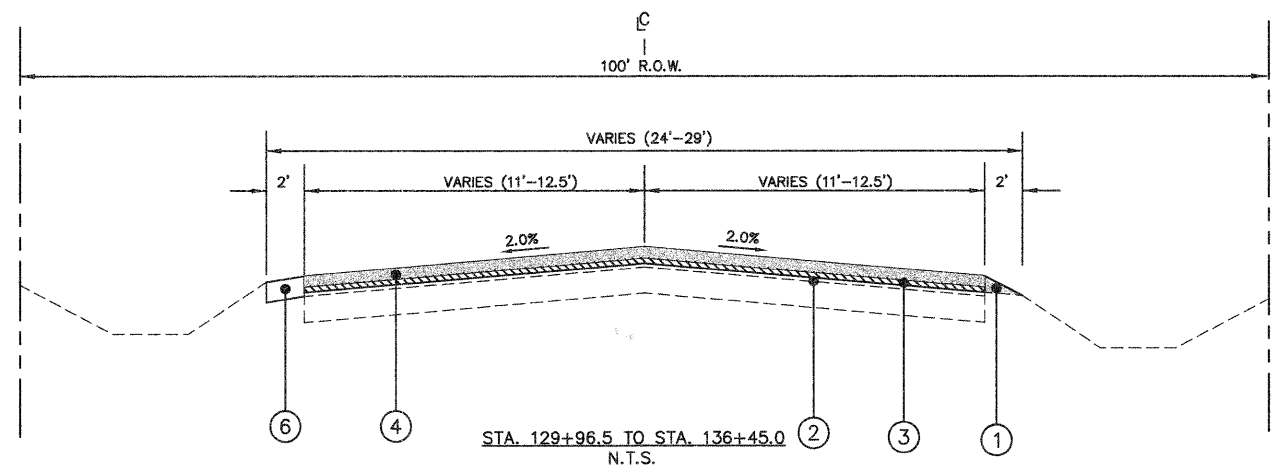
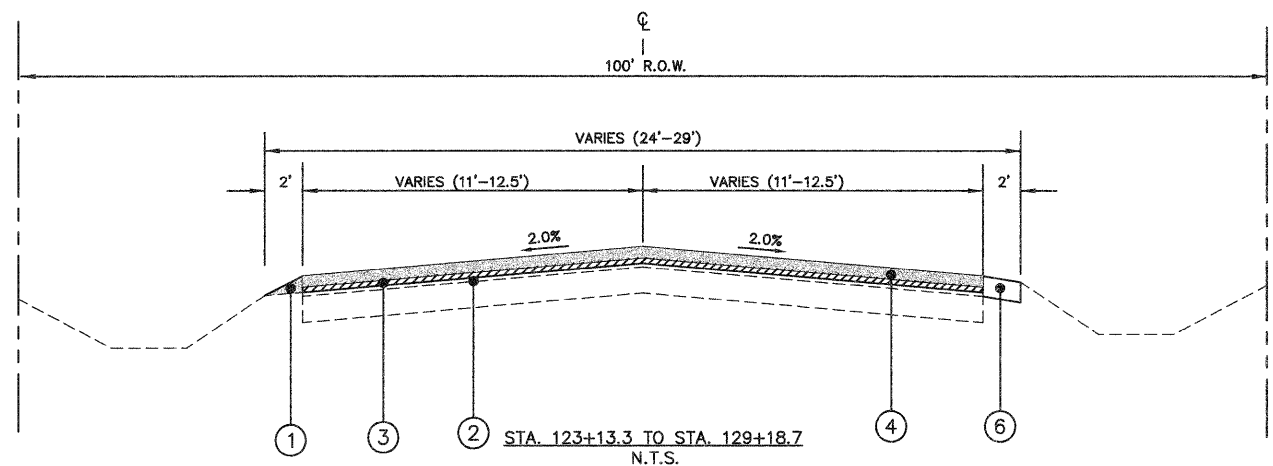
WHEELER ROAD LAPP RESURFACING

TYPICAL PROPOSED CROSS SECTIONS

DATE: MAY 2008
PROJECT NO: SG0825
FILE NO: SG0825-CVR
SHEET **5** OF **18**

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LEGEND	
①	AGGREGATE WEDGE SHOULDER, TYPE B
②	HOT IN-PLACE ASPHALT SURFACE 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, VARIABLE DEPTH
⑥	HOT-MIX ASPHALT SHOULDER, 3"

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NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

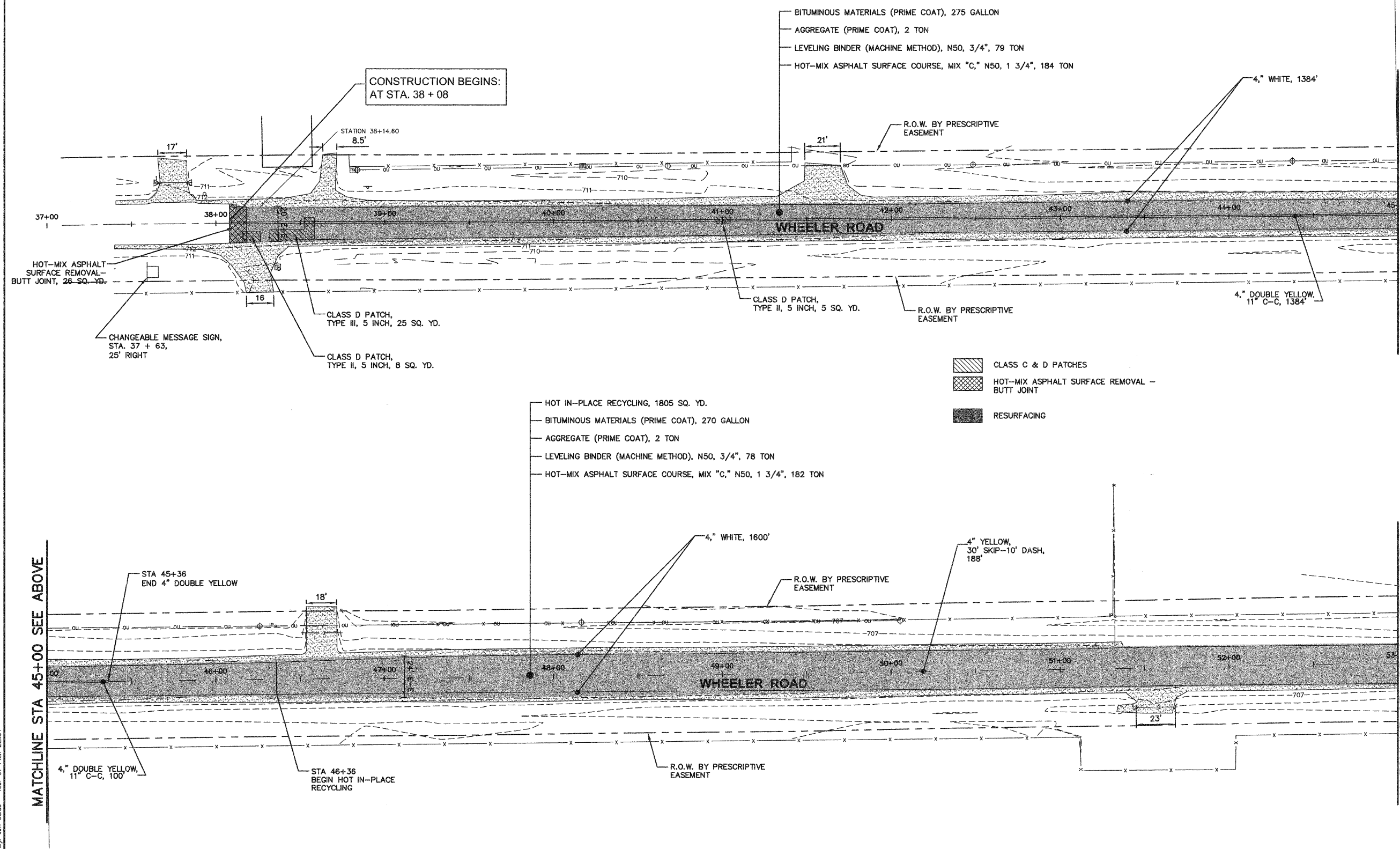
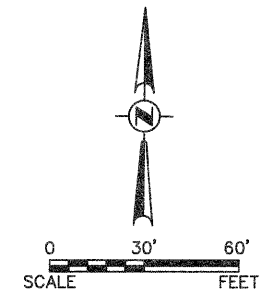
TYPICAL PROPOSED CROSS SECTIONS

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-CVR
SHEET	6 OF 18

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2306	08-00019-00-RS	KANE	18	7

CONTRACT NO. 63062



MATCHLINE STA 45+00 SEE BELOW

MATCHLINE STA 53+00 SEE SHEET 8

NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TO BE USED FOR ALL LONGITUDINAL CRACKS, AND TRANSVERSE CRACKS AS DIRECTED BY THE ENGINEER.
2. THE REQUIRED 3" SHOULDER EXCAVATION WILL BE INCLUDED IN THE "HOT-MIX ASPHALT SHOULDERS, 3", PAY ITEM. LEVELING BINDER 3/4" AND SURFACE COURSE, 1 3/4" WILL BE PLACED ON TOP OF THE ASPHALT SHOULDER, AND SHALL BE PAVED MONOLITHICALLY WITH THE MAINLINE PAVING OPERATORS.
3. ALONG THE PORTION OF THE ROADWAY THAT WILL RECEIVE NEW PAVED SHOULDERS, ANY AGGREGATE EXTENDING BEYOND THE SHOULDER WILL BE REMOVED AND RESTORED. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO HOT-MIX ASPHALT SHOULDERS, 3".
4. 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.
5. BARRICADES OR TEMPORARY RAMPS TO BE USED BY THE CONTRACTOR AROUND UTILITY ADJUSTMENTS AS DIRECTED BY THE ENGINEER.
6. ALL PAVEMENT MARKINGS ARE TO BE THERMOPLASTIC.

- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- RESURFACING

- HOT IN-PLACE RECYCLING, 1805 SQ. YD.
- BITUMINOUS MATERIALS (PRIME COAT), 270 GALLON
- AGGREGATE (PRIME COAT), 2 TON
- LEVELING BINDER (MACHINE METHOD), N50, 3/4", 78 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C," N50, 1 3/4", 182 TON

MATCHLINE STA 45+00 SEE ABOVE

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 SUGAR GROVE, IL 60554

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WHEELER ROAD LAPP RESURFACING

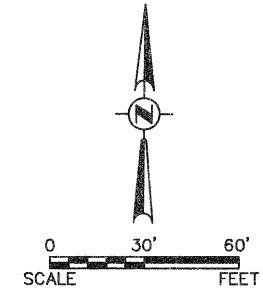
PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO.:	SG0825
FILE NO.:	SG0825-PLAN
SHEET	7 OF 18

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2305	08-00019-00-RS	KANE	18	8
CONTRACT NO. 63062				

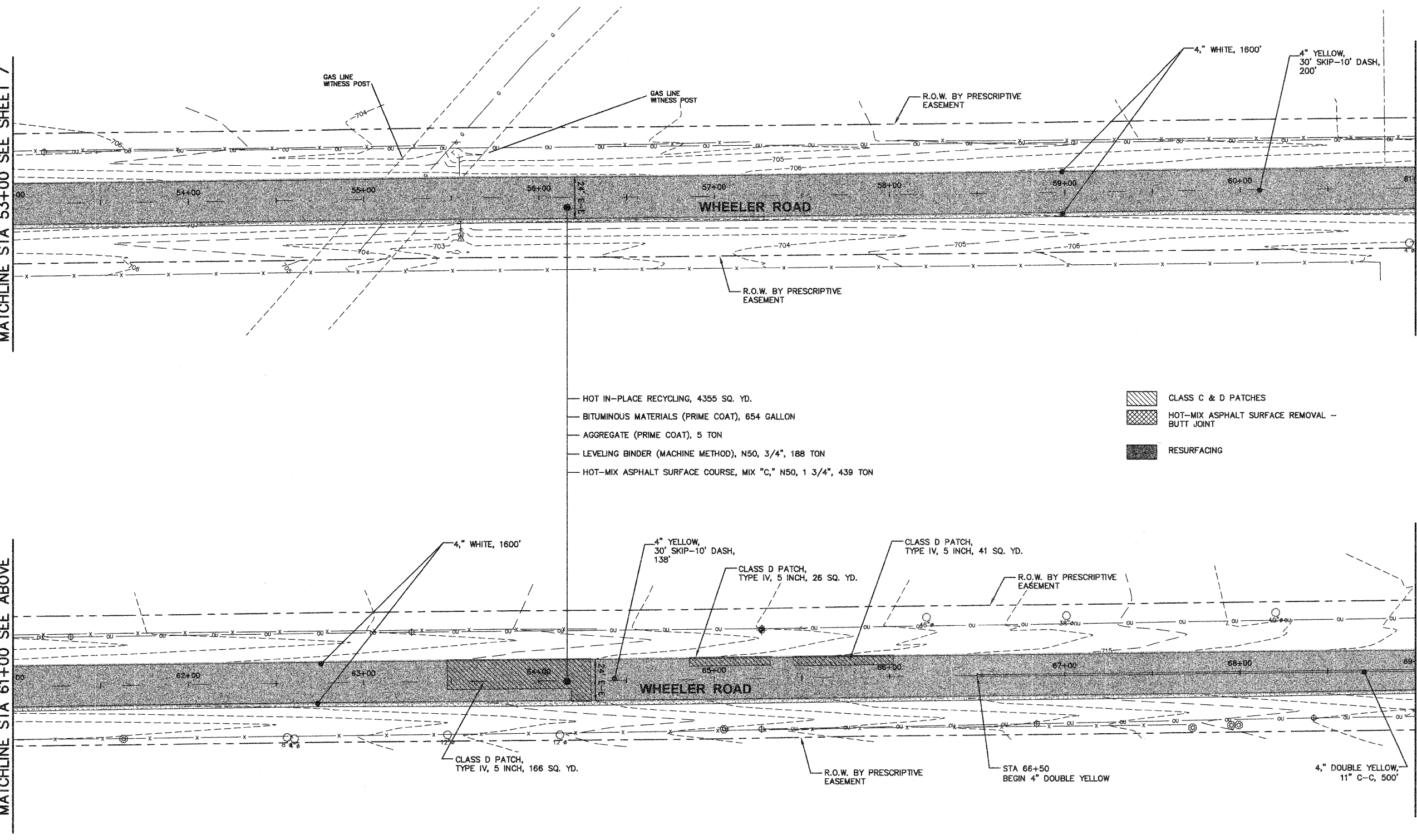


MATCHLINE STA 53+00 SEE SHEET 7

MATCHLINE STA 61+00 SEE ABOVE

MATCHLINE STA 61+00 SEE BELOW

MATCHLINE STA 69+00 SEE SHEET 9



- HOT IN-PLACE RECYCLING, 4355 SQ. YD.
- BITUMINOUS MATERIALS (PRIME COAT), 654 GALLON
- AGGREGATE (PRIME COAT), 5 TON
- LEVELING BINDER (MACHINE METHOD), N50, 3/4", 188 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C," N50, 1 3/4", 439 TON

- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- RESURFACING

NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TO BE USED FOR ALL LONGITUDINAL CRACKS, AND TRANSVERSE CRACKS AS DIRECTED BY THE ENGINEER.
2. THE REQUIRED 3" SHOULDER EXCAVATION WILL BE INCLUDED IN THE "HOT-MIX ASPHALT SHOULDERS, 3", PAY ITEM. LEVELING BINDER 3/4" AND SURFACE COURSE, 1 3/4" WILL BE PLACED ON TOP OF THE ASPHALT SHOULDER, AND SHALL BE PAVED MONOLITHICALLY WITH THE MAINLINE PAVING OPERATORS.
3. ALONG THE PORTION OF THE ROADWAY THAT WILL RECEIVE NEW PAVED SHOULDERS, ANY AGGREGATE EXTENDING BEYOND THE SHOULDER WILL BE REMOVED AND RESTORED. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO HOT-MIX ASPHALT SHOULDERS, 3".
4. 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.
5. BARRICADES OR TEMPORARY RAMPS TO BE USED BY THE CONTRACTOR AROUND UTILITY ADJUSTMENTS AS DIRECTED BY THE ENGINEER.
6. ALL PAVEMENT MARKINGS ARE TO BE THERMOPLASTIC.

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 52 Wheeler Road
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 Phone: (630) 466-9350

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

NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

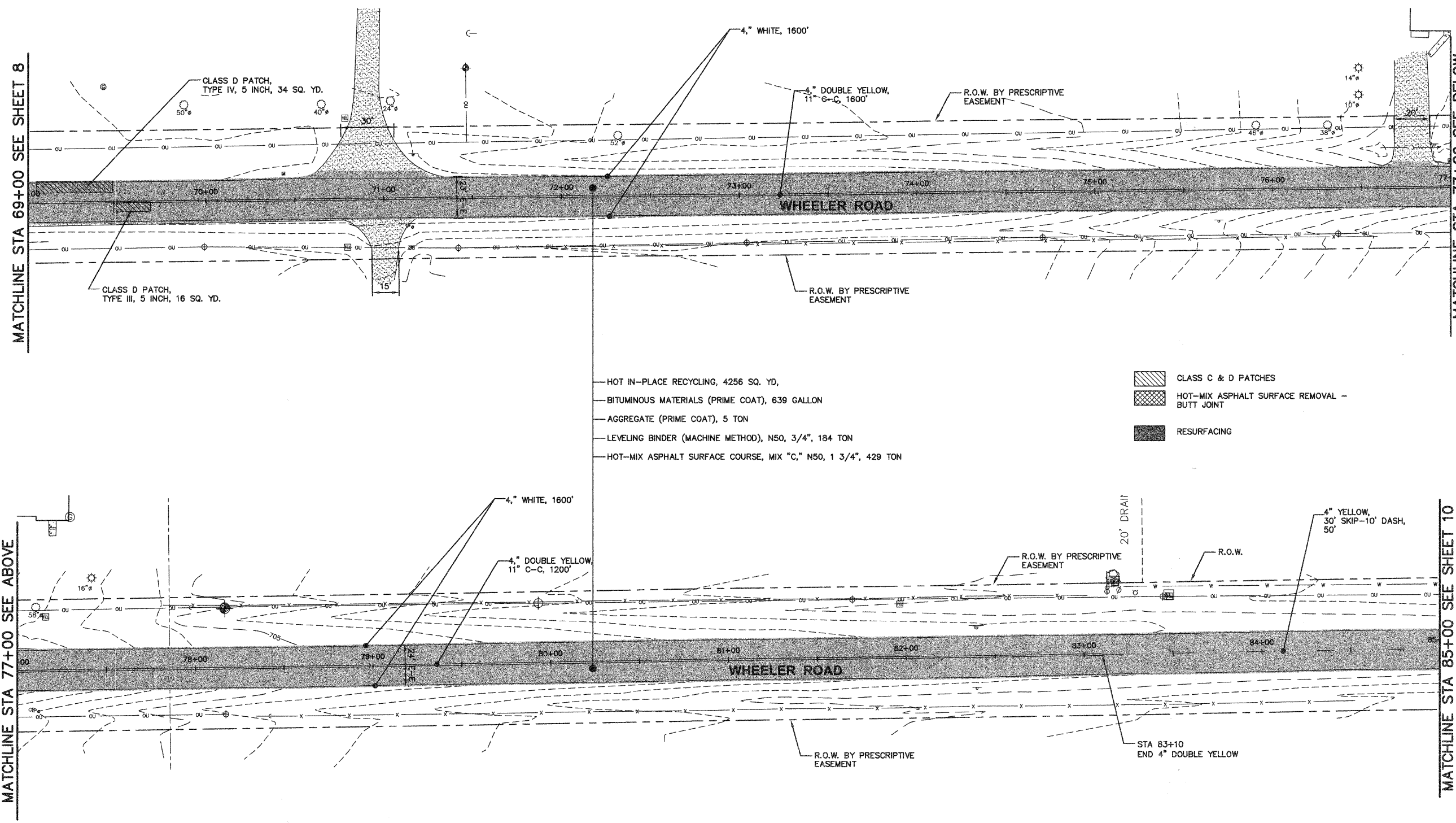
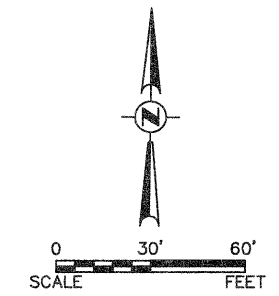
WHEELER ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-PLAN
SHEET	8 OF 18

Path: H:\SBSK\PROJ\SG0825\DWG\DWG_FINAL_ENG\SG0825-PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2305	06-00019-00-RS	KANE	18	9
CONTRACT NO. 63062				



- NOTES:
1. STRIP REFLECTIVE CRACK CONTROL TO BE USED FOR ALL LONGITUDINAL CRACKS, AND TRANSVERSE CRACKS AS DIRECTED BY THE ENGINEER.
 2. THE REQUIRED 3" SHOULDER EXCAVATION WILL BE INCLUDED IN THE "HOT-MIX ASPHALT SHOULDERS, 3", PAY ITEM. LEVELING BINDER 3/4" AND SURFACE COURSE, 1 3/4" WILL BE PLACED ON TOP OF THE ASPHALT SHOULDER, AND SHALL BE PAVED MONOLITHICALLY WITH THE MAINLINE PAVING OPERATORS.
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 4. 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.
 5. BARRICADES OR TEMPORARY RAMPS TO BE USED BY THE CONTRACTOR AROUND UTILITY ADJUSTMENTS AS DIRECTED BY THE ENGINEER
 6. ALL PAVEMENT MARKINGS ARE TO BE THERMOPLASTIC.

- HOT IN-PLACE RECYCLING, 4256 SQ. YD.
- BITUMINOUS MATERIALS (PRIME COAT), 639 GALLON
- AGGREGATE (PRIME COAT), 5 TON
- LEVELING BINDER (MACHINE METHOD), N50, 3/4", 184 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C," N50, 1 3/4", 429 TON

- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- RESURFACING

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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	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

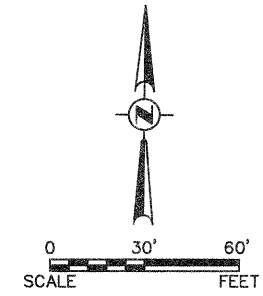
WHEELER ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-PLAN
SHEET	9 OF 18

Patch: SPSKPROU SG0825 DWG DWG FINAL ENG\SG0825-PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2305	08-00019-00-RS	KANE	18	10
CONTRACT NO. 63062				

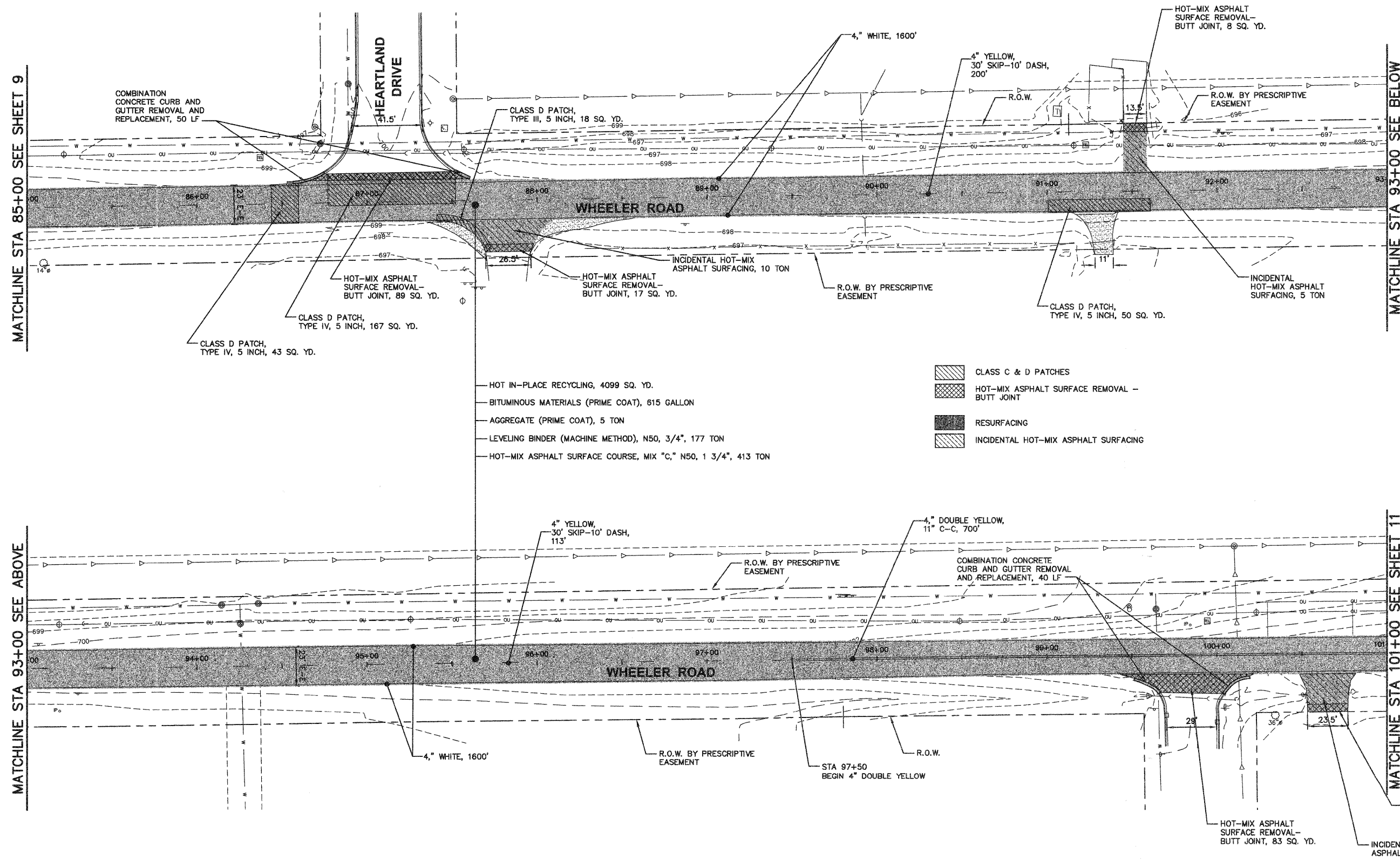


MATCHLINE STA 85+00 SEE SHEET 9

MATCHLINE STA 93+00 SEE BELOW

MATCHLINE STA 93+00 SEE ABOVE

MATCHLINE STA 101+00 SEE SHEET 11



- HOT IN-PLACE RECYCLING, 4099 SQ. YD.
- BITUMINOUS MATERIALS (PRIME COAT), 615 GALLON
- AGGREGATE (PRIME COAT), 5 TON
- LEVELING BINDER (MACHINE METHOD), N50, 3/4", 177 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C," N50, 1 3/4", 413 TON

- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- RESURFACING
- INCIDENTAL HOT-MIX ASPHALT SURFACING

- NOTES:**
- STRIP REFLECTIVE CRACK CONTROL TO BE USED FOR ALL LONGITUDINAL CRACKS, AND TRANSVERSE CRACKS AS DIRECTED BY THE ENGINEER.
 - THE REQUIRED 3" SHOULDER EXCAVATION WILL BE INCLUDED IN THE "HOT-MIX ASPHALT SHOULDERS, 3", PAY ITEM. LEVELING BINDER 3/4" AND SURFACE COURSE, 1 3/4" WILL BE PLACED ON TOP OF THE ASPHALT SHOULDER, AND SHALL BE PAVED MONOLITHICALLY WITH THE MAINLINE PAVING OPERATORS.
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 - BARRICADES OR TEMPORARY RAMPS TO BE USED BY THE CONTRACTOR AROUND UTILITY ADJUSTMENTS AS DIRECTED BY THE ENGINEER
 - ALL PAVEMENT MARKINGS ARE TO BE THERMOPLASTIC.

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

NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

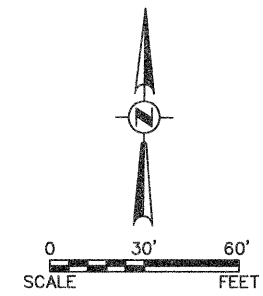
WHEELER ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-PLAN
SHEET	10 OF 18

Per: H:\SBS\KRR\01\SG0825\DWG\DWG_FINAL_ENG\SG0825-PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2305	06-00019-00-RS	KANE	18	11
CONTRACT NO. 63062				

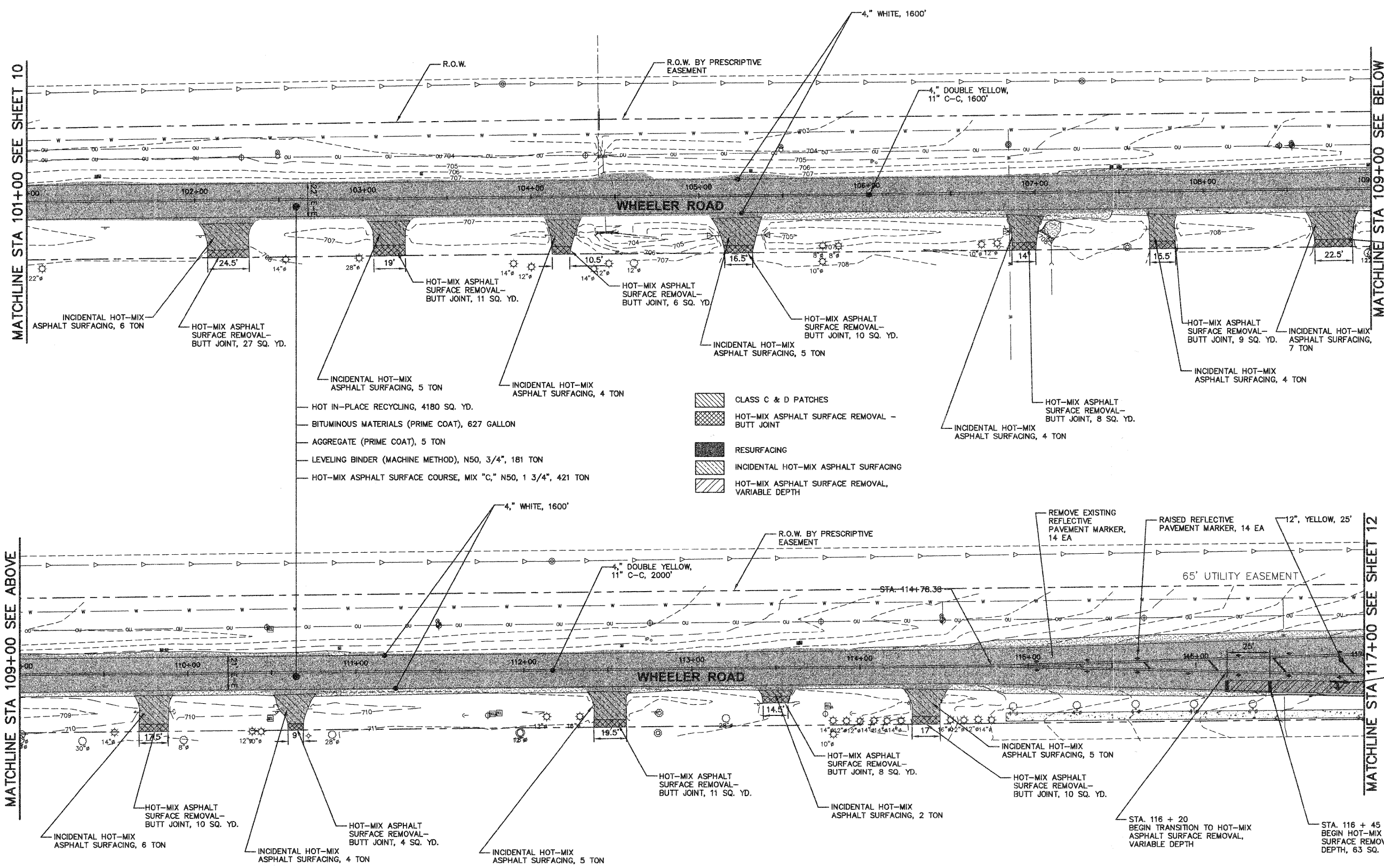


MATCHLINE STA 101+00 SEE SHEET 10

MATCHLINE STA 109+00 SEE ABOVE

MATCHLINE STA 109+00 SEE BELOW

MATCHLINE STA 117+00 SEE SHEET 12



- INCIDENTAL HOT-MIX ASPHALT SURFACING, 6 TON
- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, 27 SQ. YD.
- INCIDENTAL HOT-MIX ASPHALT SURFACING, 5 TON
- HOT IN-PLACE RECYCLING, 4180 SQ. YD.
- BITUMINOUS MATERIALS (PRIME COAT), 627 GALLON
- AGGREGATE (PRIME COAT), 5 TON
- LEVELING BINDER (MACHINE METHOD), N50, 3/4", 181 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C," N50, 1 3/4", 421 TON

- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- RESURFACING
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- NOTES:**
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 - THE REQUIRED 3" SHOULDER EXCAVATION WILL BE INCLUDED IN THE "HOT-MIX ASPHALT SHOULDERS, 3"," PAY ITEM. LEVELING BINDER 3/4" AND SURFACE COURSE, 1 3/4" WILL BE PLACED ON TOP OF THE ASPHALT SHOULDER, AND SHALL BE PAVED MONOLITHICALLY WITH THE MAINLINE PAVING OPERATORS.
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VILLAGE OF SUGAR GROVE
 10 MUNICIPAL DRIVE
 SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

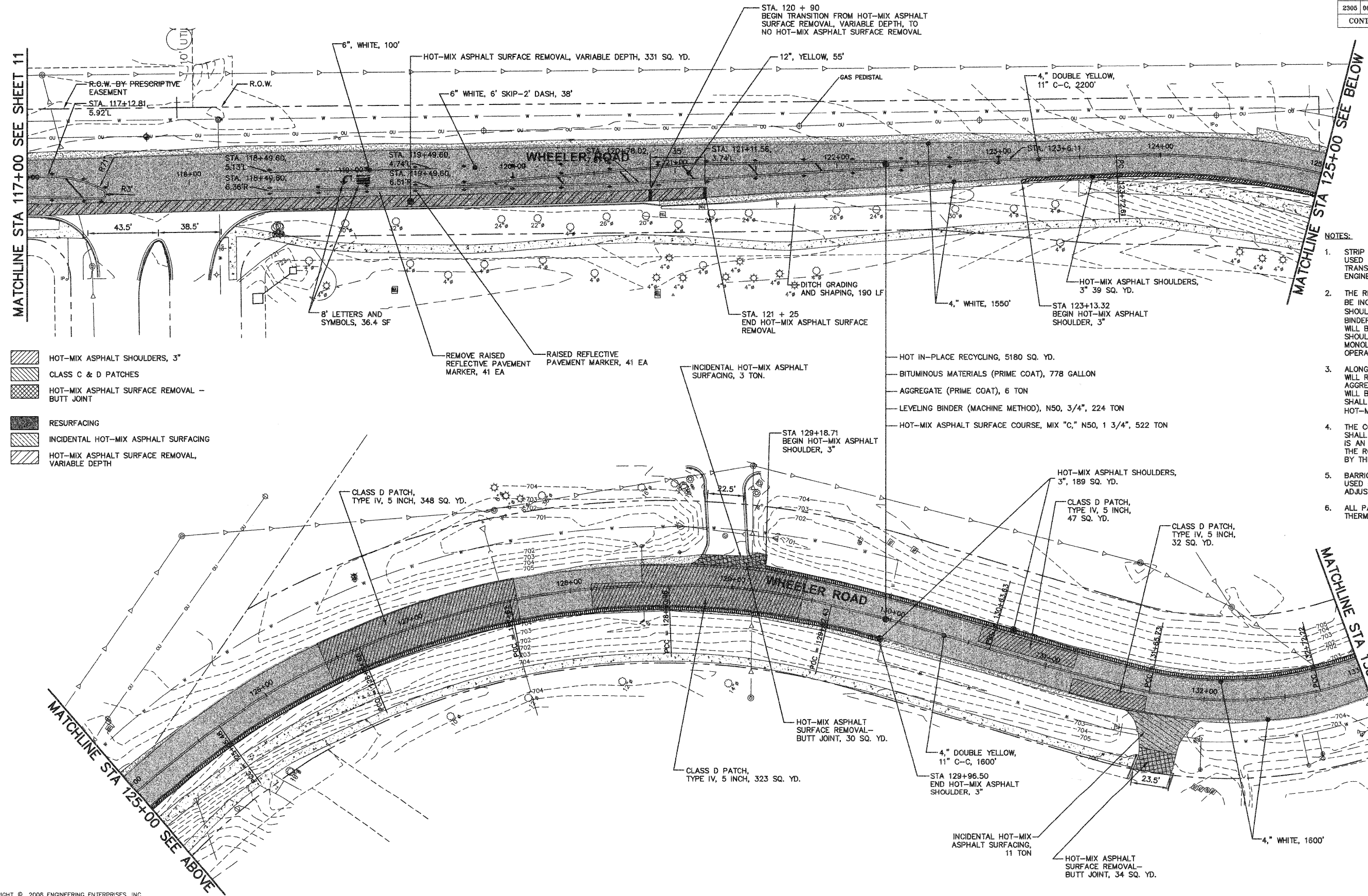
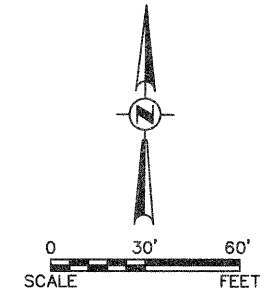
DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-PLAN
SHEET	11 OF 18

PLOT: H:\SG0825\DWG\DWG_FINAL.ENG\SG0825-PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2305	08-00019-00-RS	KANE	18	12
CONTRACT NO. 63062				

MATCHLINE STA 117+00 SEE SHEET 11

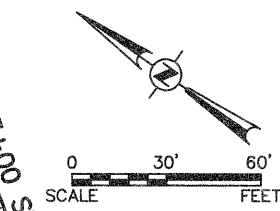
MATCHLINE STA 125+00 SEE BELOW



- HOT-MIX ASPHALT SHOULDERS, 3"
- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- RESURFACING
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTES:

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2. THE REQUIRED 3" SHOULDER EXCAVATION WILL BE INCLUDED IN THE "HOT-MIX ASPHALT SHOULDERS, 3," PAY ITEM. LEVELING BINDER 3/4" AND SURFACE COURSE, 1 3/4" WILL BE PLACED ON TOP OF THE ASPHALT SHOULDER, AND SHALL BE PAVED MONOLITHICALLY WITH THE MAINLINE PAVING OPERATORS.
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6. ALL PAVEMENT MARKINGS ARE TO BE THERMOPLASTIC.



MATCHLINE STA 125+00 SEE ABOVE

MATCHLINE STA 133+00 SEE SHEET 13

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

NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

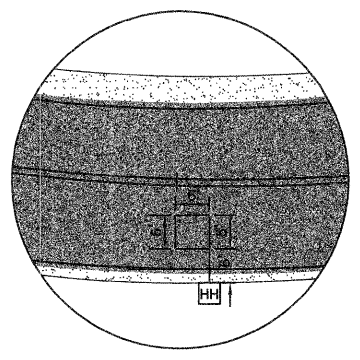
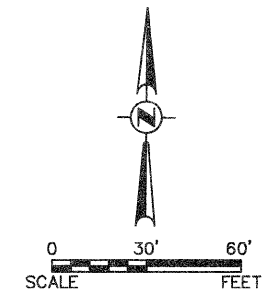
WHEELER ROAD LAPP RESURFACING

PLAN, CONSTRUCTION NOTES, AND DETAILS

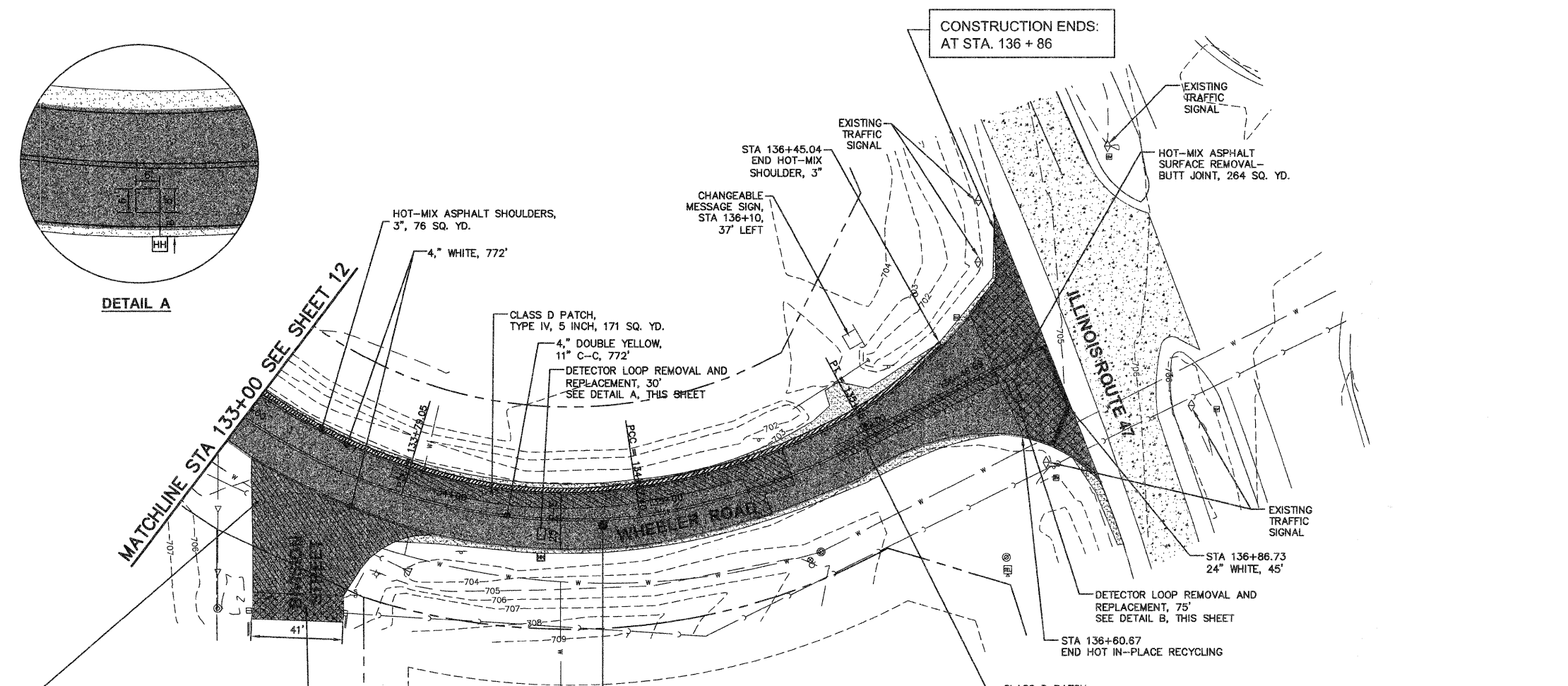
DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-PLAN
SHEET	12 OF 18

Path: \\SBSKOR01\SG0825\DWG\FINAL\ENG\SG0825-PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2305	06-00019-00-RS	KANE	18	13
CONTRACT NO. 63062				

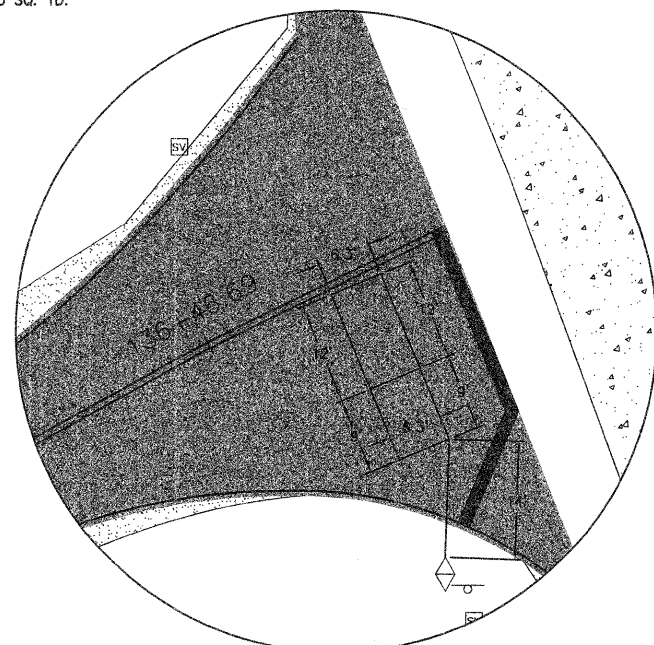


DETAIL A



- HOT-MIX ASPHALT SHOULDERS, 3"
- CLASS C & D PATCHES
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- RESURFACING

- NOTES:
- STRIP REFLECTIVE CRACK CONTROL TO BE USED FOR ALL LONGITUDINAL CRACKS, AND TRANSVERSE CRACKS AS DIRECTED BY THE ENGINEER.
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DETAIL B

- HOT IN-PLACE RECYCLING, 1957 SQ. YD.
- BITUMINOUS MATERIALS (PRIME COAT), 294 GALLON
- AGGREGATE (PRIME COAT), 2 TON
- LEVELING BINDER (MACHINE METHOD), N50, 3/4", 85 TON
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C," N50, 1 3/4", 197 TON

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

NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

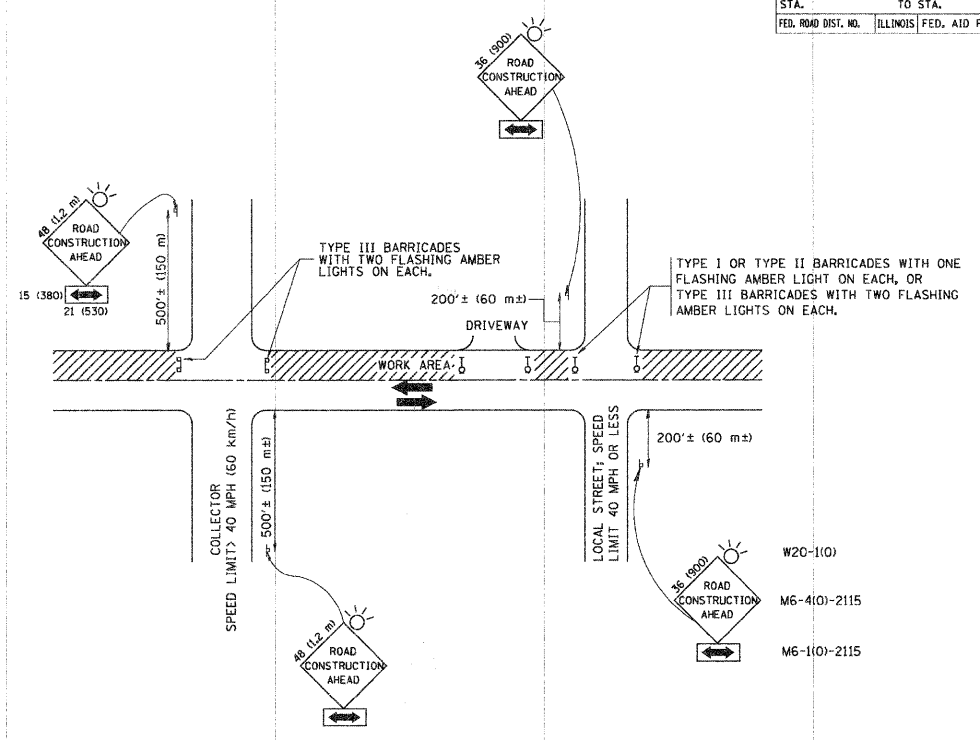
PLAN, CONSTRUCTION NOTES, AND DETAILS

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-PLAN
SHEET	13 OF 18

Path: H:\S\SG\PROJ\SG0825\DWG\DWG_FINAL_ENG\SG0825-PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2305	08-00019-00-RS	KANE	18	14
CONTRACT NO. 63062				

CONTRACT NO.		TOTAL SHEETS		SHEET 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:
 - a) 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.
 - b) 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:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (12.2 m x 12.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) 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. 701501, 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

PLOT DATE: 7/15/08
PLOT SCALE: 1/8"=1'-0"
USER NAME: jg

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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	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

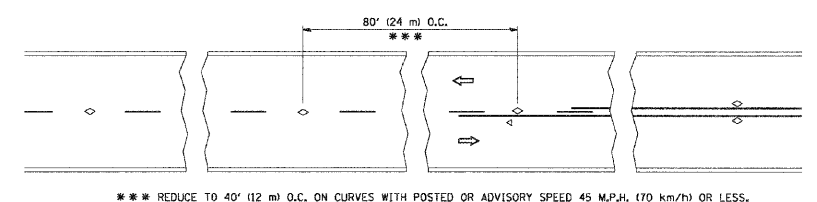
**TRAFFIC CONTROL AND PROTECTION
FOR SIDE ROADS, INTERSECTIONS,
AND DRIVEWAYS - TC-10**

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-CVR
SHEET	14 OF 18

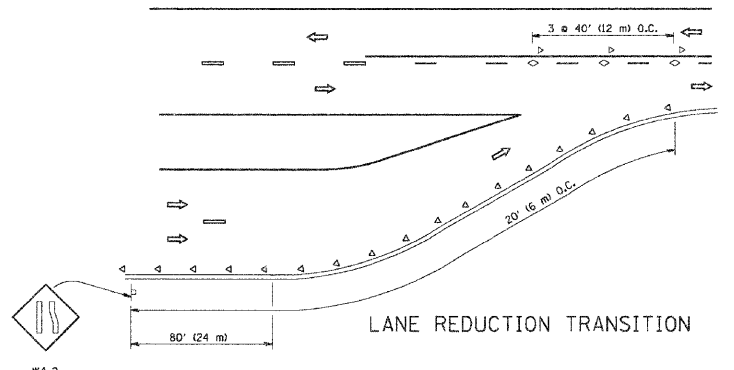
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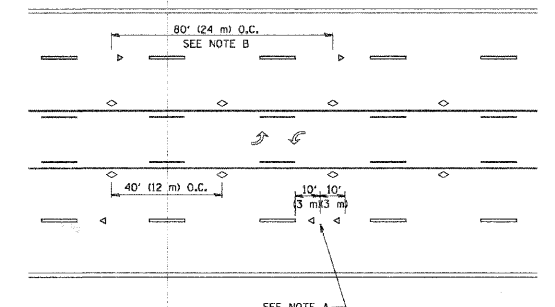
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



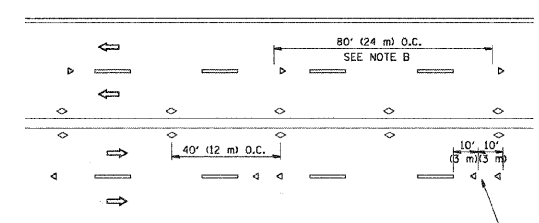
TWO-LANE/TWO-WAY



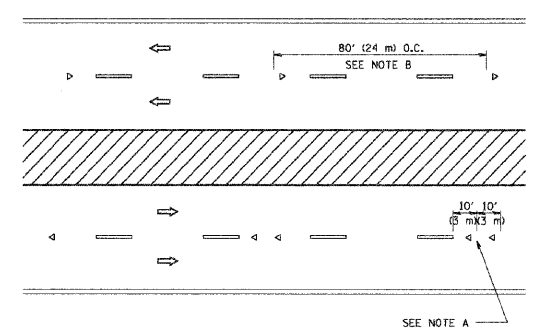
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

LANE MARKER NOTES

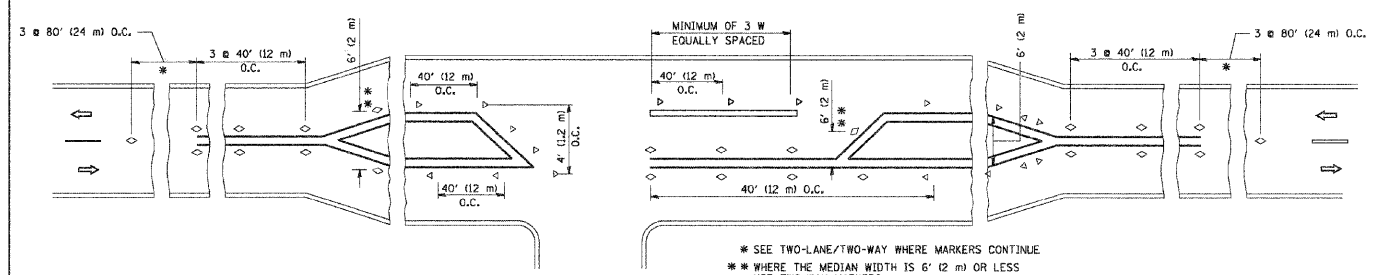
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◊ TWO-WAY AMBER MARKER

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
 SCALE: NONE
 DRAWN BY CADD
 CHECKED BY TC-11

PLOT DATE: 3/16/2007
 PLOT SCALE: 1/8" = 1'-0"
 USER NAME: bward

Plotted: July 15, 2008 @ 10:17 AM By: Jim Colos - Tab: 15 TC-11 22x34

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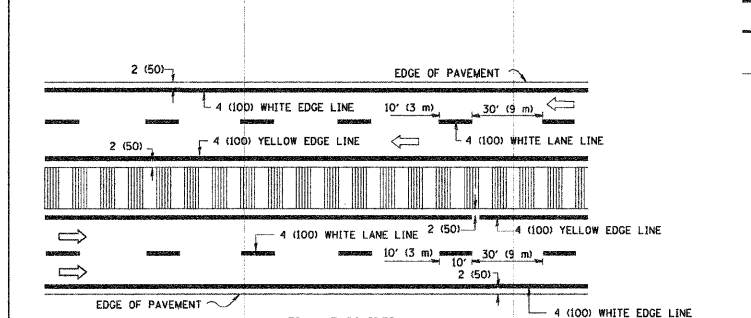
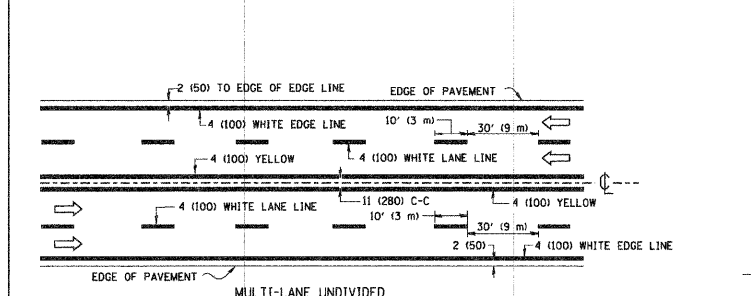
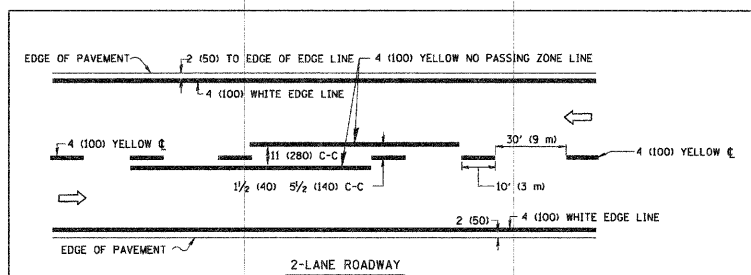
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2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) - TC-11

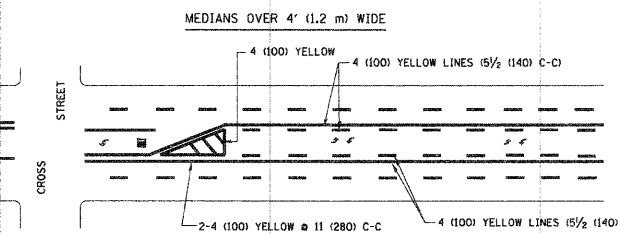
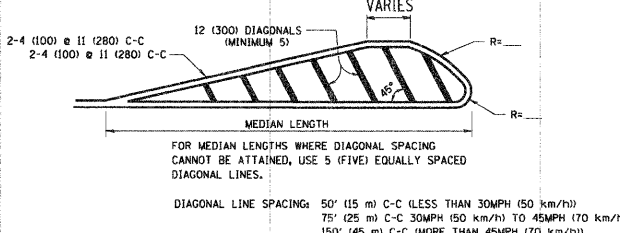
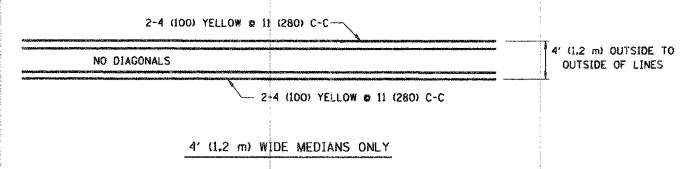
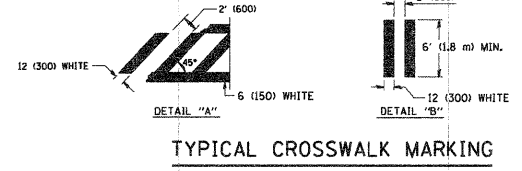
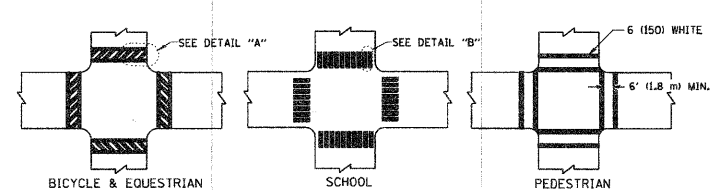
DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-CVR
SHEET	15 OF 18

Path: H:\SDS\PROJ\SG0825\DWG\DWG_FINAL_ENG\SG0825-CVR



NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



6'-4" (2 m)

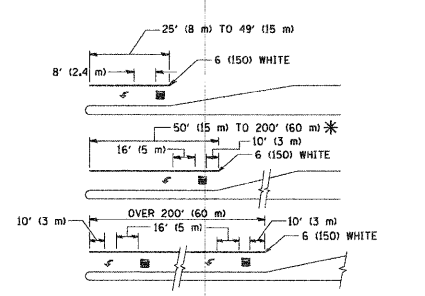
8" (2.4 m)

8" (2.4 m)

8" (2.4 m)

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

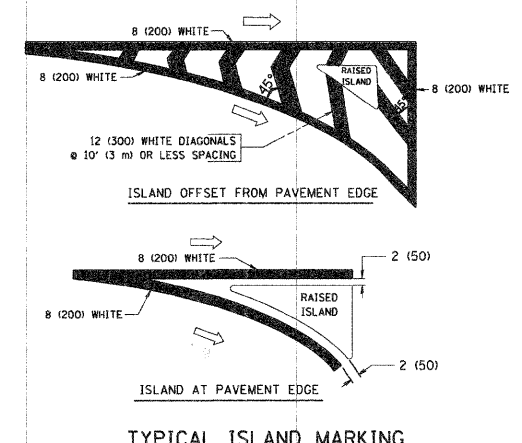


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE 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	5/2 (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" (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8" (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (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 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 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R": 16 SQ. FT. (1.5 m ²) EACH "X": 54.0 SQ. FT. (5.0 m ²)
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	10-09-98
ALEX. HOUSEH	10-17-98
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CADD
CHECKED BY
TC-13

Plotted: July 15, 2008 @ 10:17 AM By: Jim Galas - Tab: 15 TC-13 22x34

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SUGAR GROVE, IL 60554

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1	7/2/08	PER IDOT COMMENTS

WHEELER ROAD LAPP RESURFACING

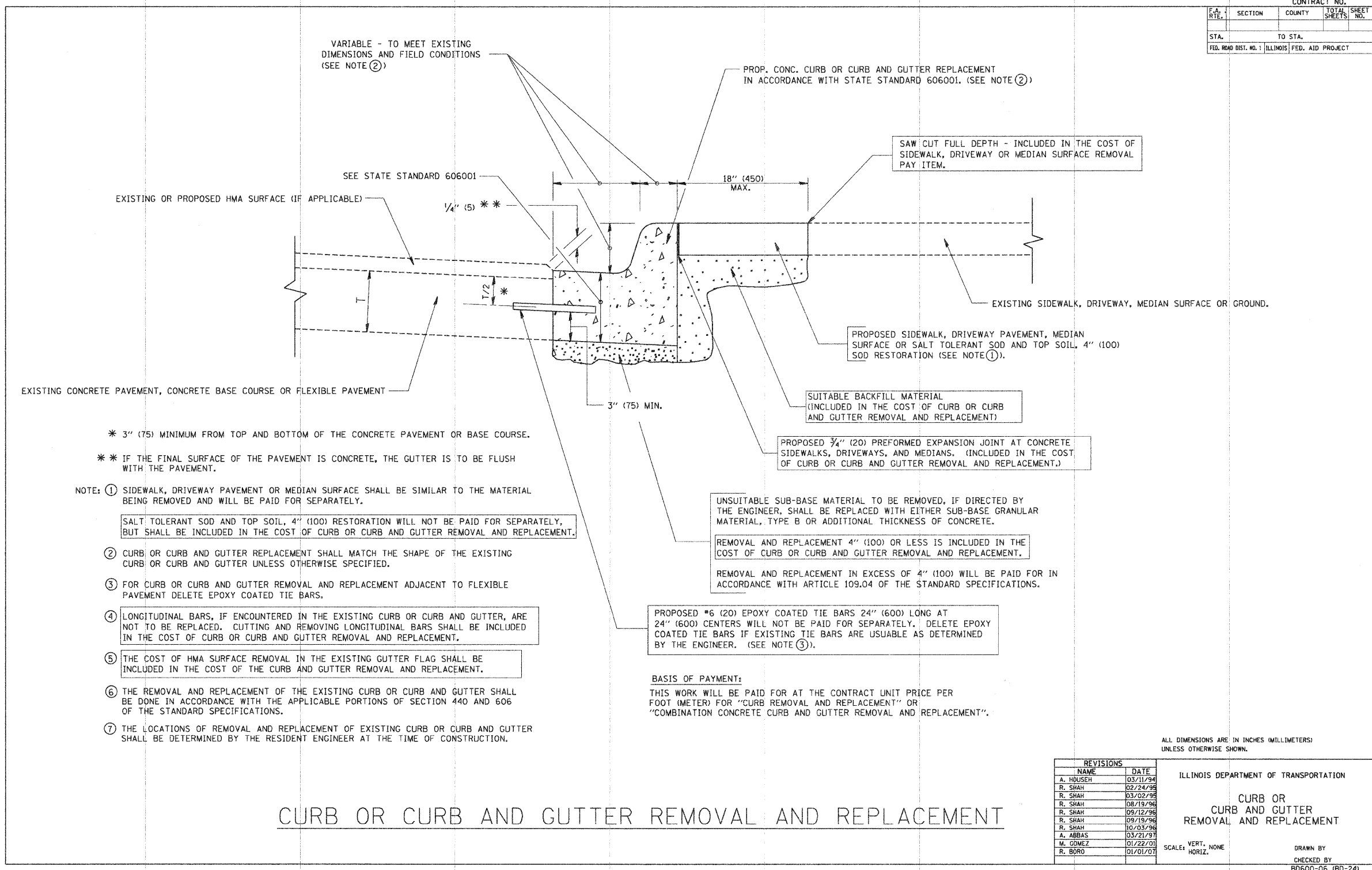
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS
TC-13

DATE: MAY 2008
PROJECT NO: SG0825
FILE NO: SG0825-CVR
SHEET 16 OF 18

Path: H:\SDSKRPROJ\SG0825\DWG\DMG_FINAL_ENG\SG0825-CVR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2305	08-00019-00-RS	KANE	18	17
CONTRACT NO. 63062				

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.

UNDESIRABLE 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	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
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 15, 2008 @ 10:18 AM By: Jim Gates - Tab: 17 BD-24 22x34

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SUGAR GROVE, IL 60554

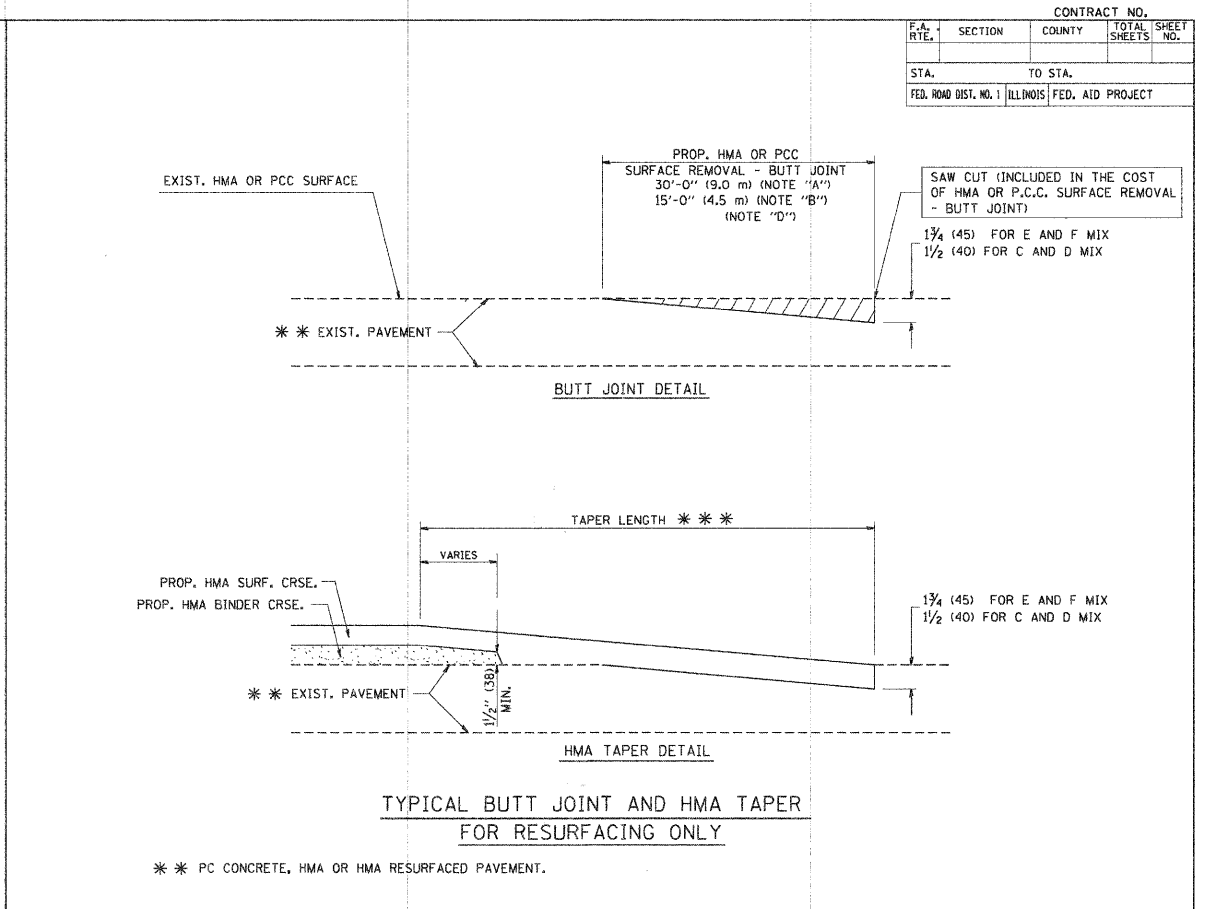
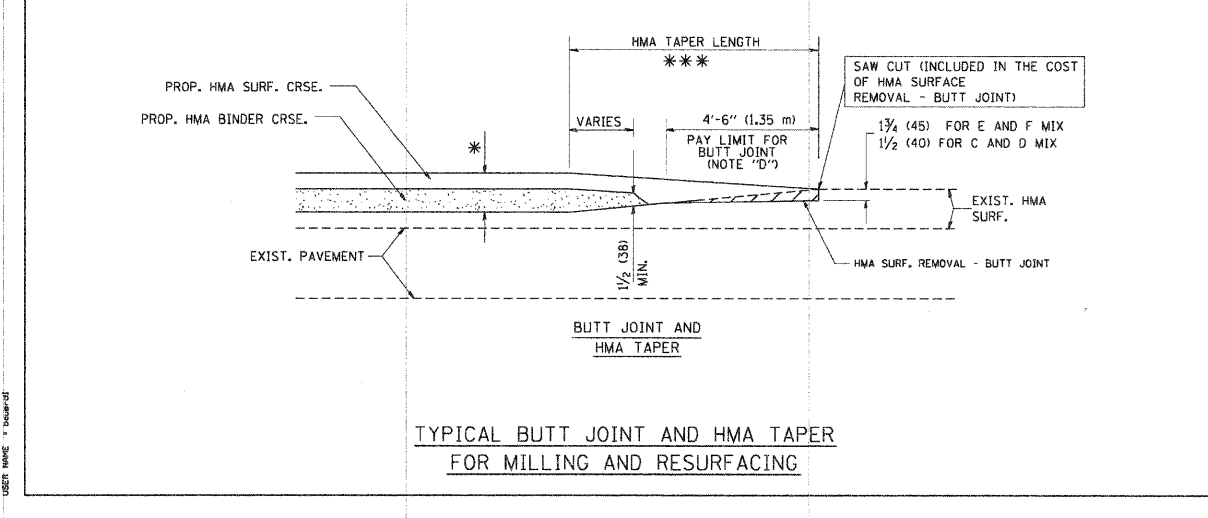
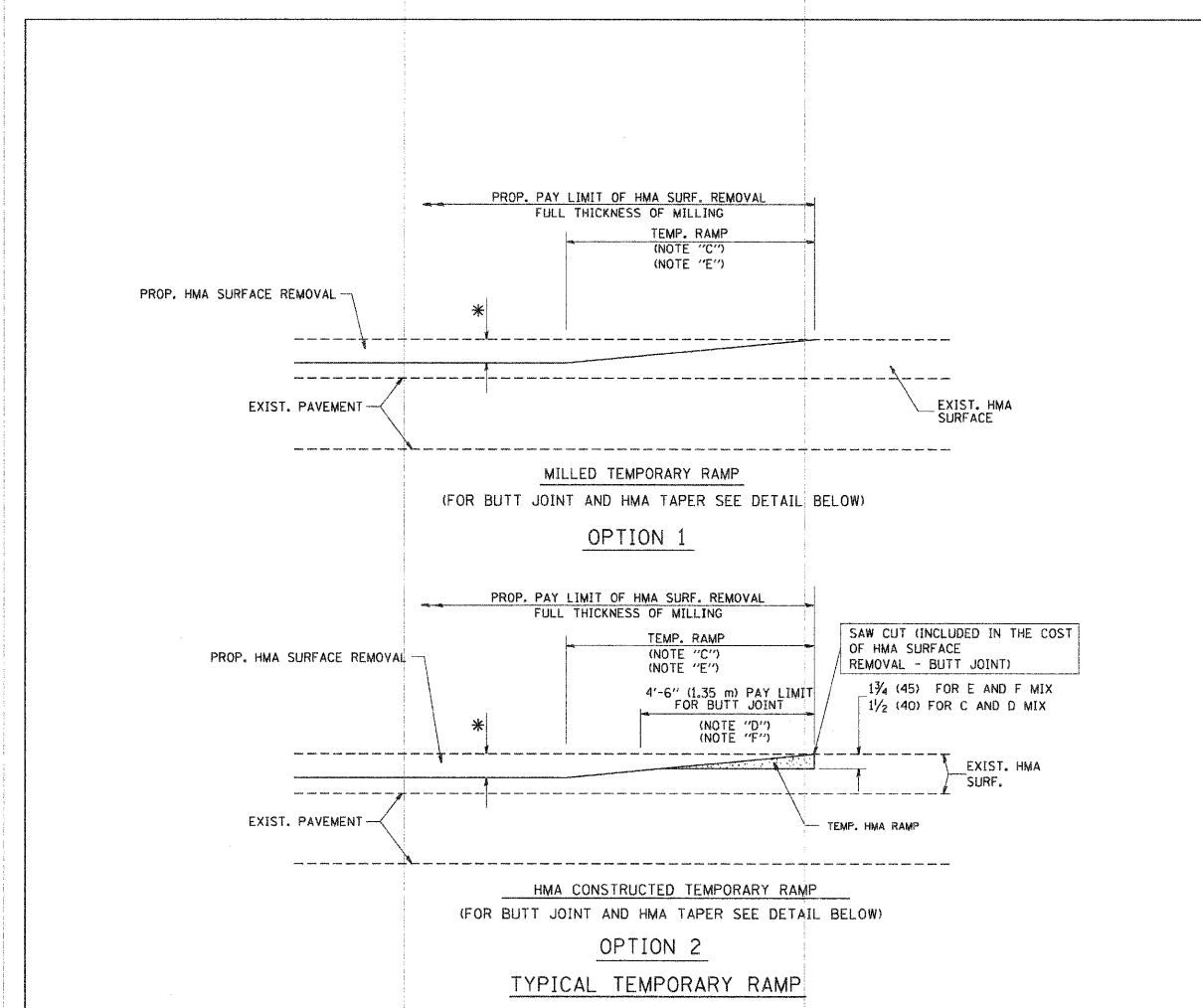
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WHEELER ROAD LAPP RESURFACING

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-24

DATE: MAY 2008
PROJECT NO: SG0825
FILE NO: SG0825-CVR
SHEET 17 OF 18

Path: H:\SP8\KRR\01\SG0825\DWG\DMG_FINAL_ENG\SG0825-CVR



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.

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".

REVISIONS	NAME	DATE
	M. DE YONG	6-13-90
	M. DE YONG	7-3-90
	M. DE YONG	3-27-92
	R. SHAH	09/09/94
	R. SHAH	10/25/94
	A. ABBAS	03/21/97
	M. GOMEZ	04/06/01
	R. BORO	07/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE
 HORIZ. NONE

DRAWN BY: _____
 CHECKED BY: _____
 BD400-05 (VI-BD32)

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WHEELER ROAD LAPP RESURFACING

BUTT JOINT AND HMA TAPER DETAILS
 BD-32

DATE: MAY 2008
 PROJECT NO: SG0825
 FILE NO: SG0825-CVR
 SHEET **18** OF **18**

Path: H:\SBSK\PROJ\SG0825\DWG\DWG_FINAL_ENG\SG0825-CVR