

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 742 (IL 2)
SECTION (32, 33)RS-3

**MILLING & RESURFACING
WINNEBAGO COUNTY**

C-92-119-11

| F.A.P. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------|---------------|-----------|--------------------|-----------|
| 742 | (32, 33) RS-3 | WINNEBAGO | 17 | 1 |
| | | ILLINOIS | CONTRACT NO. 64H13 | |

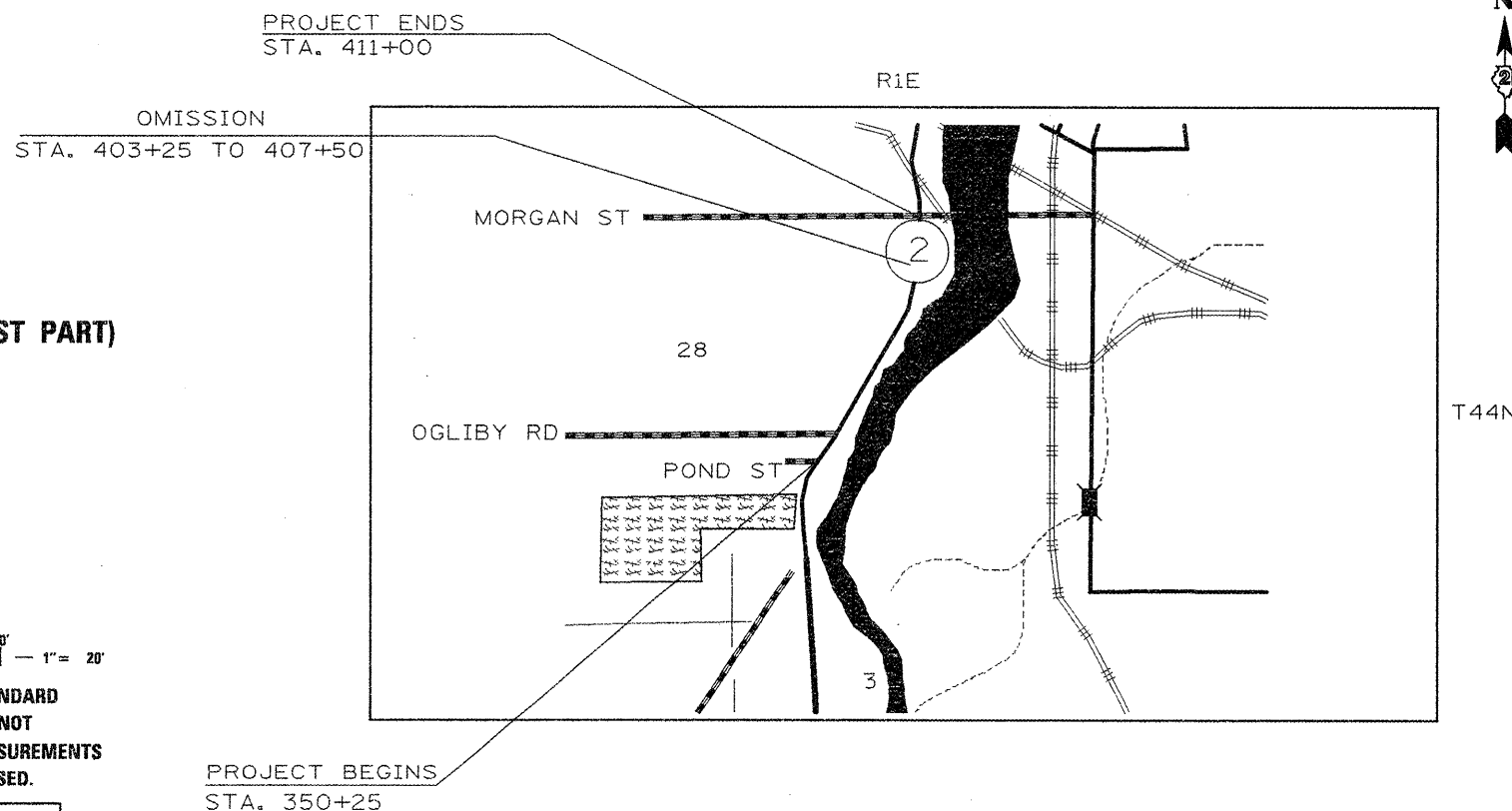
INDEX OF SHEETS

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- 1 INDEX OF SHEETS & STANDARDS
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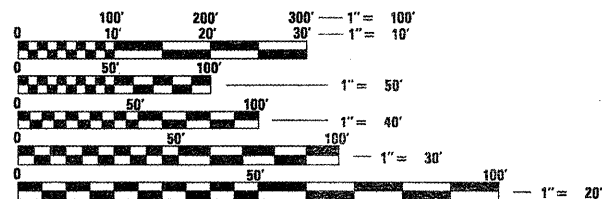
STATE STANDARDS

- 442201-03 CLASS C & D PATCHES
- 701101-02 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701427 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS < OR = 40 MPH
- 701606-07 URBAN LANE CLOSURE, MULTILANE, WITH MOUNTABLE MEDIAN
- 701701-07 URBAN LANE CLOSURE, MULTILANE, INTERSECTION
- 701901-01 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POST FOR SIGNS, MARKERS, & DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORTS
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-02 TYPICAL PAVEMENT MARKINGS

D-92-078-11



SECTION 27, 34
TOWNSHIP: ROCKFORD (NORTH WEST PART)



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
OR 811

PROJECT ENGINEER—MASOOD AHMAD 815-284-5510
PROJECT MANAGER—TRACI HELFRICH 815-284-5932
EMAIL—traci.helfrich@illinois.gov
CONTRACT NO. 64H13

GROSS LENGTH = 6075 FT. = 1.15 MILE
NET LENGTH = 5650 FT. = 1.07 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 18, 2011
Eric S. Throckmorton
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 13, 2011
Scott E. Still, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2011
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 4.6 m (15 feet). When patch spacing is less than 4.6 m (15 feet), the pavement between patches shall also be removed and replaced.

The minimum patch dimension for partial-depth patches will be 1.2 m (four feet) and half-lane width. Half-lane patches shall be confined to the outside edges of the pavement.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

Areas of slag mixture are expected to be milled on this project. RAP containing slag mixture must be stockpiled separately.

The following Mixture Requirements are applicable for this project:

| Mixture Uses(s): | Surface | | |
|---|----------------|--|--|
| PG: | PG 64-22 | | |
| Design Air Voids | 4.0 @ N50 | | |
| Mixture Composition (Gradation Mixture) | IL 9.5 or 12.5 | | |
| Friction Aggregate | D | | |
| 20 Year ESAL | 1.2 | | |

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be primed shall be limited to that which can be covered with HMA the same day, unless otherwise permitted by the Engineer.

Detector Loop, Special

- Any Conduit stubs damaged during the surface grinding process shall be replaced in this cost. This shall also include any wire in the conduit required to connect the loops.
- Any 6'x20' Detector Loop shall have a minimum of three turns of wire and any 6'x6' Detector Loop shall have a minimum of four turns of wire.
- Detector loops will be measured for payment along the sawed slot in the pavement only.
- The cables, from the end of the saw cut to the splice in the handhole, shall not be measured for payment and shall be considered to be included in the cost of the Detector Loop.
- Seven (7) days prior to any work that may affect the operation of the Detector Loops, and for signal timing adjustments to be made for the construction period and appropriate layout of Detector Loops for reinstallation. Notice shall be given to Scott Kullerstrand at the Illinois Department of Transportation, District 2 (815/284-5468).

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

| | |
|------------------------------------|---|
| AT&T Communications (630/552-4677) | Commonwealth Edison Co. (815/490-2869) |
| AT&T (815/394-7297) | NICOR Gas Co. (630/983-8676) |
| Comcast Cable (815/395-8977) | Rock River Water Reclamation Dist. (815/967-7060) |
| Paetec (630/925-4751) | |

Following are the known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of JULIE and should be notified individually by the contractor:

| | |
|--|---|
| Rockford Water Dept. Attn: Mr. Jon Hollander 425 E. State Street Rockford, IL 61104 Ph. 815/967-7060 | IDOT – District 2 Attn: Mr. Kyle Lorenz 819 Depot Avenue Dixon, IL 61021 Ph. 815/284-5469 |
|--|---|

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

| | | | | | | | | | | |
|---------------------------|-------------------------------|--------------------------------|-----------|---|----------------------|---------|--------------------|-----------|--------------|-----------|
| FILE NAME = 64H13.GN.DOCX | USER NAME = | DESIGNED - Engineering Systems | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES | ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = | DRAWN - | REVISED - | | | FAP 742 | (32, 33)RS-3 | Winnebago | 18 | 2 |
| | PLOT DATE = 3/10/2011 9:45 AM | CHECKED - | REVISED - | | | (IL 2) | CONTRACT NO. 64H13 | | | |
| | DATE = 3/3/2011 1:21 PM | DATE - | REVISED - | | | SCALE: | SHEET NO. | OF SHEETS | STA. | TO STA. |

SUMMARY OF QUANTITIES

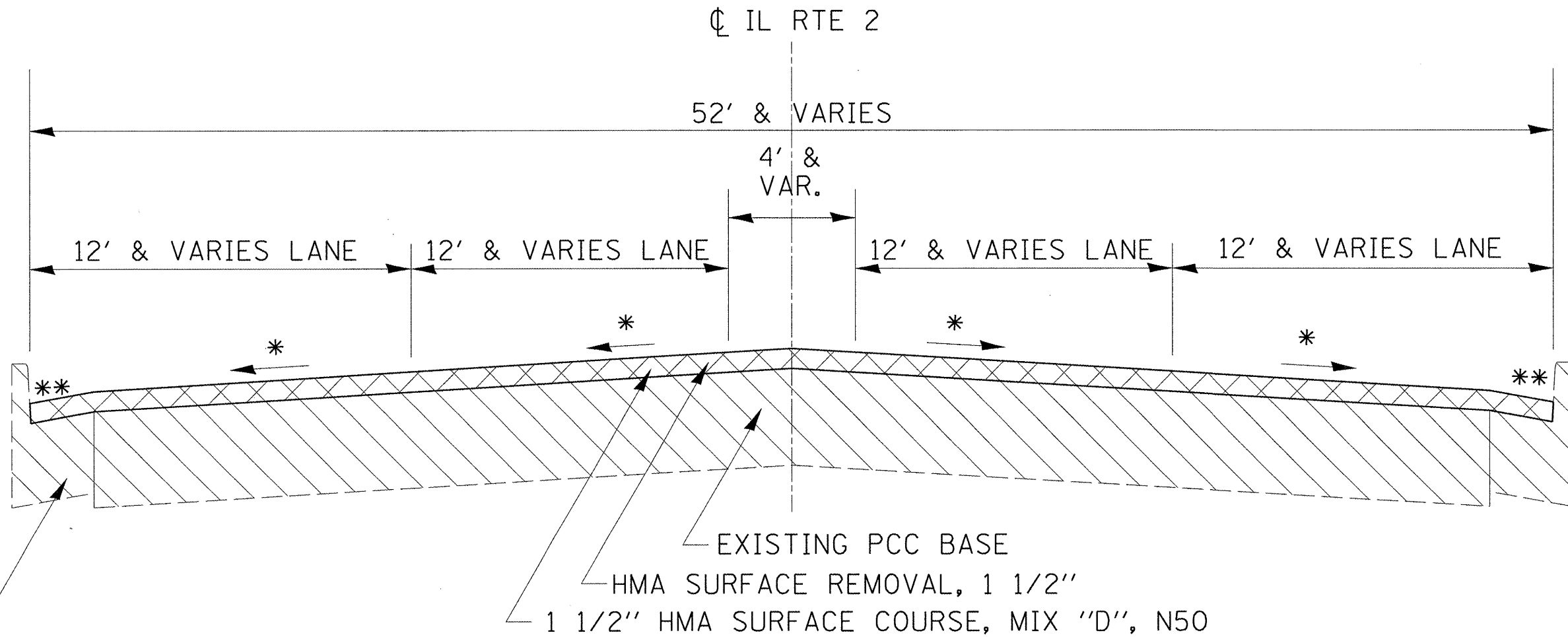
| CODE NUMBER | ITEM | UNIT | TOTAL | <i>URBAN</i> 100% STATE RDWAY 0005 |
|-------------|---|-------|-------|---|
| 40600200 | BITUMINOUS MATERIALS (PRIME COAT) | TON | 7.8 | 7.8 |
| 40600525 | LEVELING BINDER (HAND METHOD), N50 | TON | 20 | 20 |
| 40603335 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | 2402 | 2402 |
| 44000155 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" | SQ YD | 24505 | 24505 |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 |
| 70102625 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606 | L SUM | 1 | 1 |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | 1 |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 1380 | 1380 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 460 | 460 |
| * 78001180 | PAINT PAVEMENT MARKING, TYPE I - LINE 24" | FOOT | 204 | 204 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 104 | 104 |
| * 88600400 | DETECTOR LOOP, SPECIAL | FOOT | 400 | 400 |
| Z0037320 | PAVEMENT PATCHING (PARTIAL DEPTH) <small>LINE - 4 INCH</small> | SQ YD | 125 | 125 |
| X0322902 | SAW CUTTING, (PARTIAL DEPTH) <small>LINE - 6 INCH</small> | FOOT | 450 | 450 |
| * X7800815 | HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH | FOOT | 15310 | 15310 |
| * X7800835 | HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 6 INCH | FOOT | 324 | 324 |

* SPECIALTY ITEMS

| | | | | | | | | | | |
|--|-----------------------|------------|-----------|---|---|--|--------------|-----------|-----------------|--------------|
| FILE NAME = | USER NAME = halfriehl | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 2 SUMMARY OF QUANTITIES | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| Q:\Projects\Winnebago\64H13_Pond_to_Cedar_Smart_Tree\Halfriehl\0207811-rht.dgn | | DRAWN - | REVISED - | | | 742 | (32, 33)RS-3 | WINNEBAGO | 17 | 3 |
| PLOT SCALE = 100.0000' / IN. | | CHECKED - | REVISED - | | | | | | | |
| PLOT DATE = Fri Mar 18 09:08:03 2011 | | DATE - | REVISED - | | | | | | | |
| | | | | | | SCALE: SHEET NO. OF SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT CONTRACT NO. 64H13 | | | | |

TYPICAL SECTION

STA. 350+25 TO STA. 359+75
 STA. 376+75 TO STA. 394+25



EXISTING CONCRETE CURB & GUTTER

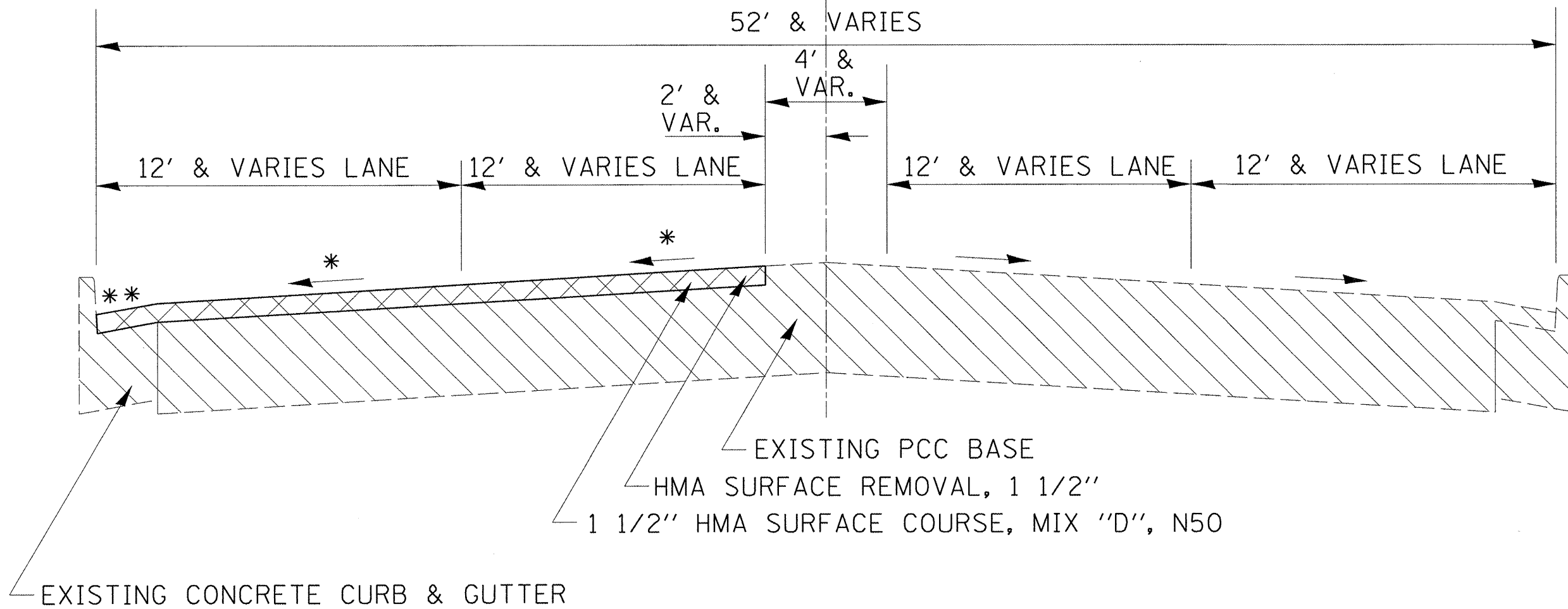
- EXISTING
- REMOVAL

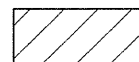

- ** REMOVE HMA OVER GUTTER FLAG, IF NOT COVERED DO NOT GRIND GUTTER FLAG
- * MATCH EXISTING CROSS SLOPE (MIN OF 1/8"/FT)
- 112 LBS/SQ YD/IN FOR SURFACE COURSE
- EXISTING SLAG MIX FROM INDIANA TO MORGAN

| | | | | | | | | | | |
|---|---|------------|-----------|---|--|----------------|---------------------------|--------|-----------------|--------------|
| FILE NAME = | USER NAME = helfrichtl | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| PLOT SCALE = 100.0000' / IN. | CHECKED - | REVISED - | REVISED - | | SCALE: SHEET NO. OF SHEETS STA. TO STA. | | ILLINOIS FED. AID PROJECT | | | |
| PLOT DATE = Tue Mar 29 11:30:24 2011 | DATE - | REVISED - | REVISED - | | CONTRACT NO. 64H13 | | | | | |

TYPICAL SECTION

STA. 359+75 TO STA. 376+75
 STA. 394+25 TO STA. 403+25
 STA. 407+50 TO STA. 411+00
 CL IL RTE 2



 EXISTING
 REMOVAL

- ** REMOVE HMA OVER GUTTER FLAG, IF NOT COVERED DO NOT GRIND GUTTER FLAG
- * MATCH EXISTING CROSS SLOPE (MIN OF 1/8"/FT)
- 112 LBS/SQ YD/IN FOR SURFACE COURSE
- EXISTING SLAG MIX FROM INDIANA TO MORGAN

| | | | | | | | | | |
|---|------------------------|------------|-----------|---|---------------------------|--------------|---------------------|--------------|--------------|
| FILE NAME = | USER NAME = helfrichtl | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| PLOT DATE = Tue Mar 29 11:30:39 2011 | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | |

SCHEDULE OF QUANTITIES

| | | | | | | | | | |
|----------|---|----------------------|----|----------|---------------|--|--|--|----------------------|
| 40600200 | <u>BITUMINOUS MATERIALS (PRIME COAT)</u> | | | | | | | | |
| | <u>TON</u> | <u>LOCATION</u> | | | <u>OFFSET</u> | | | | <u>REMARKS</u> |
| | 1.6 | 350+25.0 | TO | 359+75.0 | | | | | ALL 4 LANES & MEDIAN |
| | 1.6 | 359+75.0 | TO | 376+75.0 | | | | | 2 LANES SB |
| | 3.5 | 376+75.0 | TO | 394+25.0 | | | | | ALL 4 LANES & MEDIAN |
| | 0.8 | 394+25.0 | TO | 403+25.0 | | | | | 2 LANES SB |
| | 0.3 | 407+50.0 | TO | 411+00.0 | | | | | 2 LANES SB |
| | 7.8 | | | | | | | | |
| | | | | | | | | | |
| 40600525 | <u>LEVELING BINDER (HAND METHOD), N50</u> | | | | | | | | |
| | <u>TON</u> | <u>LOCATION</u> | | | <u>OFFSET</u> | | | | <u>REMARKS</u> |
| | 20.0 | TO BE USED AS NEEDED | | | | | | | |
| | | | | | | | | | |
| 40603335 | <u>HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50</u> | | | | | | | | |
| | <u>TON</u> | <u>LOCATION</u> | | | <u>OFFSET</u> | | | | <u>REMARKS</u> |
| | 551.0 | 350+25.0 | TO | 359+75.0 | | | | | ALL 4 LANES & MEDIAN |
| | 444.3 | 359+75.0 | TO | 376+75.0 | | | | | 2 LANES SB |
| | 1079.6 | 376+75.0 | TO | 394+25.0 | | | | | ALL 4 LANES & MEDIAN |
| | 235.2 | 394+25.0 | TO | 403+25.0 | | | | | 2 LANES SB |
| | 91.4 | 407+50.0 | TO | 411+00.0 | | | | | 2 LANES SB |
| | 2401.5 | | | | | | | | |
| | | | | | | | | | |
| 44000155 | <u>HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"</u> | | | | | | | | |
| | <u>SQ YD</u> | <u>LOCATION</u> | | | <u>OFFSET</u> | | | | <u>REMARKS</u> |
| | 5623 | 350+25.0 | TO | 359+75.0 | | | | | ALL 4 LANES & MEDIAN |
| | 4533 | 359+75.0 | TO | 376+75.0 | | | | | 2 LANES SB |
| | 11017 | 376+75.0 | TO | 394+25.0 | | | | | ALL 4 LANES & MEDIAN |
| | 2400 | 394+25.0 | TO | 403+25.0 | | | | | 2 LANES SB |
| | 933 | 407+50.0 | TO | 411+00.0 | | | | | 2 LANES SB |
| | 24505 | | | | | | | | |

SCHEDULE OF QUANTITIES

| 70300100 | <u>SHORT TERM PAVEMENT MARKING</u> | | | | <u>OFFSET</u> | <u>REMARKS</u> |
|----------|------------------------------------|-----------------|-------------|--|---------------------------|----------------|
| | <u>FOOT</u> | <u>LOCATION</u> | | | | |
| | 380 | 350+25.0 | TO 359+75.0 | | DOUBLE CENTER AND 4 LANES | |
| | 172 | 359+75.0 | TO 376+75.0 | | 2 LANES NO CENTER | |
| | 700 | 376+75.0 | TO 394+25.0 | | DOUBLE YELLOW EACH SIDE | |
| | 92 | 394+25.0 | TO 403+25.0 | | 2 LANES NO CENTER | |
| | 36 | 407+50.0 | TO 411+00.0 | | 2 LANES NO CENTER | |
| | 1380 | | | | | |

| 70301000 | <u>WORK ZONE PAVEMENT MARKING REMOVAL</u> | | | | <u>OFFSET</u> | <u>REMARKS</u> |
|----------|---|-----------------|-------------|--|---------------------------|----------------|
| | <u>SQ FT</u> | <u>LOCATION</u> | | | | |
| | 127 | 350+25.0 | TO 359+75.0 | | DOUBLE CENTER AND 4 LANES | |
| | 57 | 359+75.0 | TO 376+75.0 | | 2 LANES NO CENTER | |
| | 233 | 376+75.0 | TO 394+25.0 | | DOUBLE YELLOW EACH SIDE | |
| | 31 | 394+25.0 | TO 403+25.0 | | 2 LANES NO CENTER | |
| | 12 | 407+50.0 | TO 411+00.0 | | 2 LANES NO CENTER | |
| | 460 | | | | | |

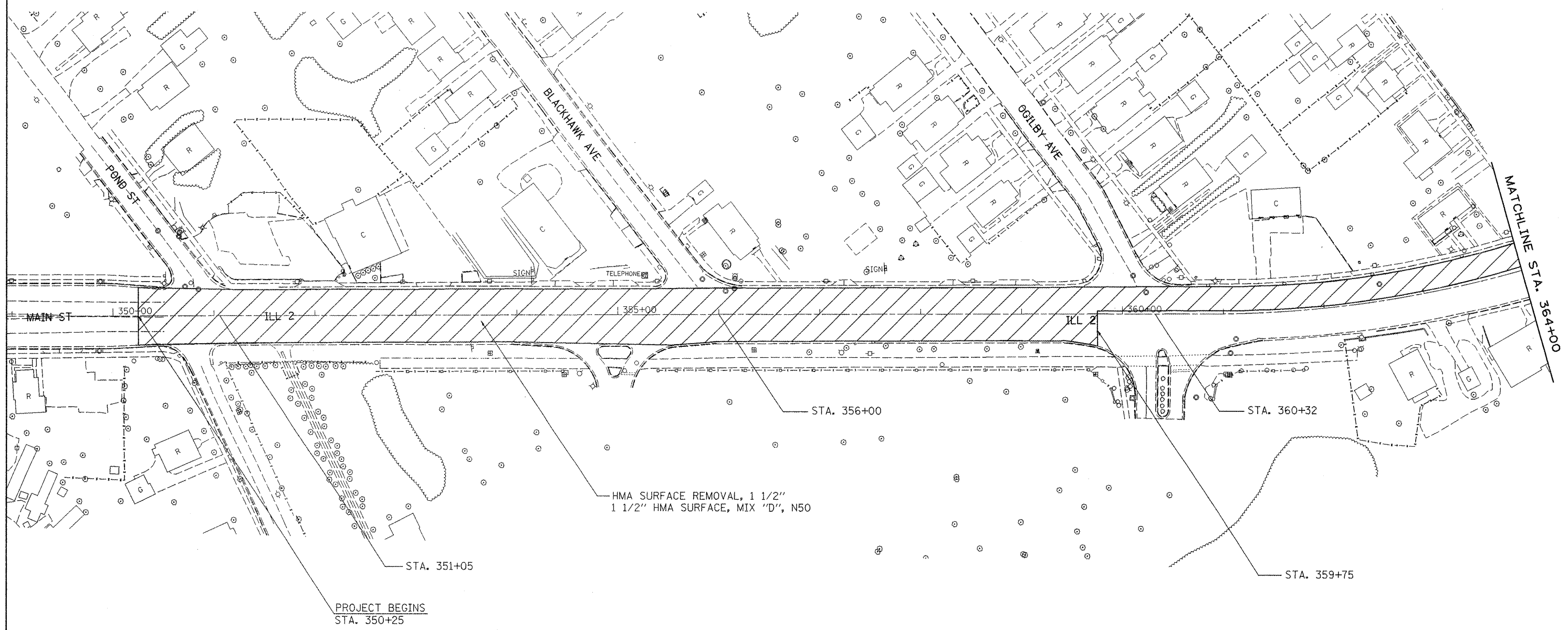
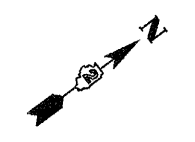
| 78001180 | <u>PAINT PAVEMENT MARKING TYPE 1- LINE 24"</u> | | | | <u>OFFSET</u> | <u>REMARKS</u> |
|----------|--|------------------------|--|--|---------------|----------------|
| | <u>FOOT</u> | <u>LOCATION</u> | | | | |
| | 60 | MARCHESANO DR | | | STOP BAR | |
| | 96 | BETWEEN SALTER & HEATH | | | STOP BAR | |
| | 48 | MONTAGUE | | | STOP BAR | |
| | 204 | | | | | |

| 78300200 | <u>RAISED REFLECTIVE PAVEMENT MARKER REMOVAL</u> | | | | <u>OFFSET</u> | <u>REMARKS</u> |
|----------|--|-----------------|-------------|--|---------------|----------------|
| | <u>EACH</u> | <u>LOCATION</u> | | | | |
| | 24 | 350+25.0 | TO 359+75.0 | | ALL 4 LANES | |
| | 21 | 359+75.0 | TO 376+75.0 | | 2 LANES SB | |
| | 44 | 376+75.0 | TO 394+25.0 | | ALL 4 LANES | |
| | 11 | 394+25.0 | TO 403+25.0 | | 2 LANES SB | |
| | 4 | 407+50.0 | TO 411+00.0 | | 2 LANES SB | |
| | 104 | | | | | |

| 88600400 | <u>DETECTOR LOOP, SPECIAL</u> | | | | <u>OFFSET</u> | <u>REMARKS</u> |
|----------|-------------------------------|----------------------|--|--|---------------|----------------|
| | <u>FOOT</u> | <u>LOCATION</u> | | | | |
| | 400 | TO BE USED AS NEEDED | | | | |

SCHEDULE OF QUANTITIES

| | | | | | | |
|----------|---|------------------------|--|---------------|--|-------------------------|
| Z0037320 | <u>PAVEMENT PATCHING (PARTIAL DEPTH)</u> | | | | | |
| | <u>SQ YD</u> | <u>LOCATION</u> | | <u>OFFSET</u> | | <u>REMARKS</u> |
| | 125 | TO BE USED AS NEEDED | | | | |
| | | | | | | |
| X0322902 | <u>SAW CUTTING (PARTIAL DEPTH)</u> | | | | | |
| | <u>FOOT</u> | <u>LOCATION</u> | | <u>OFFSET</u> | | <u>REMARKS</u> |
| | 450 | TO BE USED AS NEEDED | | | | |
| | | | | | | |
| X7800815 | <u>HOT SPRAY THERMOPLASTIC PAVEMENT MARKING TYPE 1- LINE 4"</u> | | | | | |
| | <u>FOOT</u> | <u>LOCATION</u> | | <u>OFFSET</u> | | <u>REMARKS</u> |
| | | <u>YELLOW</u> | | | | |
| | 3800 | 350+25.0 TO 359+75.0 | | | | DOUBLE YELLOW EACH SIDE |
| | 3400 | 359+75.0 TO 376+75.0 | | | | DOUBLE YELLOW EACH SIDE |
| | 3500 | 376+75.0 TO 394+25.0 | | | | DOUBLE YELLOW EACH SIDE |
| | 1800 | 394+25.0 TO 403+25.0 | | | | DOUBLE YELLOW EACH SIDE |
| | 700 | 407+50.0 TO 411+00.0 | | | | DOUBLE YELLOW EACH SIDE |
| | | <u>WHITE</u> | | | | |
| | 480 | 350+25.0 TO 359+75.0 | | | | SKIP DASH |
| | 430 | 359+75.0 TO 376+75.0 | | | | SKIP DASH |
| | 880 | 376+75.0 TO 394+25.0 | | | | SKIP DASH |
| | 230 | 394+25.0 TO 403+25.0 | | | | SKIP DASH |
| | 90 | 407+50.0 TO 411+00.0 | | | | SKIP DASH |
| | 15310 | | | | | |
| | | | | | | |
| X7800835 | <u>HOT SPRAY THERMOPLASTIC PAVEMENT MARKING TYPE 1- LINE 6"</u> | | | | | |
| | <u>FOOT</u> | <u>LOCATION</u> | | <u>OFFSET</u> | | <u>REMARKS</u> |
| | 60 | MARCHESANO DR | | | | CROSS WALK (WHITE) |
| | 48 | BETWEEN SALTER & HEATH | | | | CROSS WALK (WHITE) |
| | 48 | KNOWLTON | | | | CROSS WALK (WHITE) |
| | 96 | MONTAGUE | | | | CROSS WALK (WHITE) |
| | 24 | LOOMIS | | | | CROSS WALK (WHITE) |
| | 48 | MORGAN | | | | CROSS WALK (WHITE) |
| | 324 | | | | | |

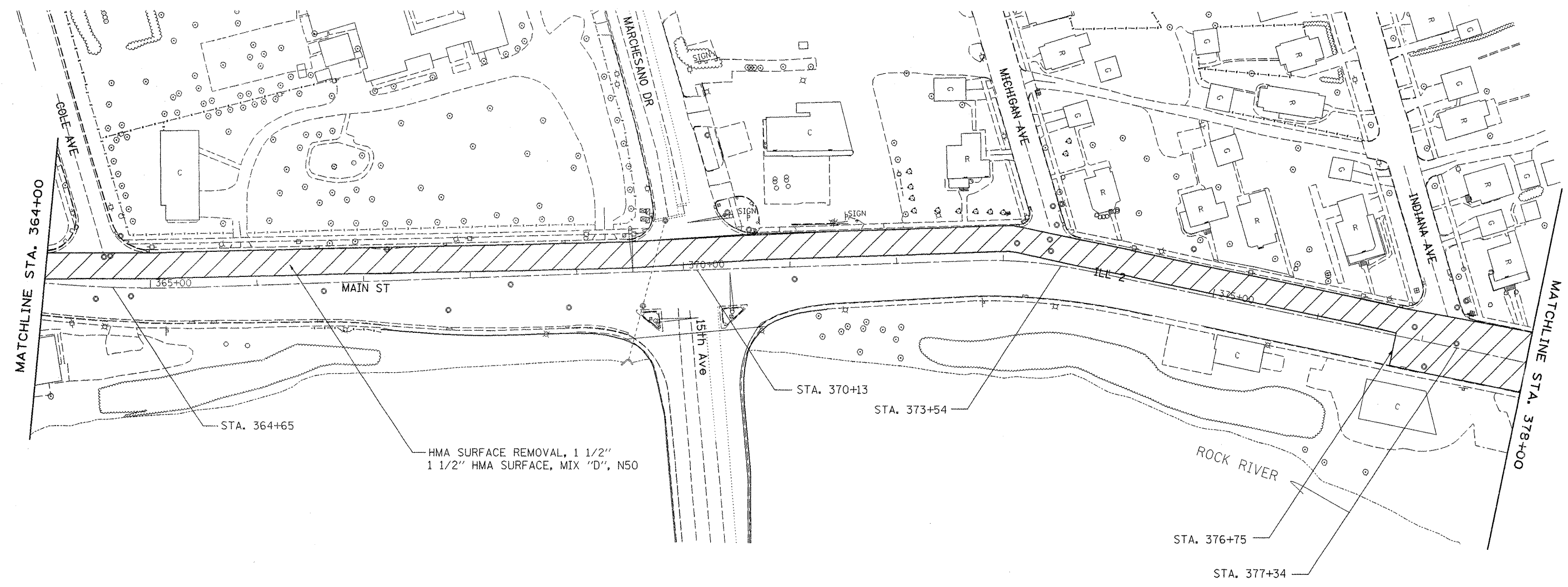


| | | | |
|--|--------------------------------------|------------|-----------|
| FILE NAME = | USER NAME = l11jkr | DESIGNED - | REVISED - |
| Q:\Projects\Winnebago\64H13.Pond_to_Ced... | SMART\He1frich\0207811-sh1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 50.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Thu Mar 10 09:46:45 2011 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-------------------|-----------|-----------|--------------|
| IL ROUTE 2 | | | |
| SCALE: | SHEET NO. | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|--------------|-----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 742 | (32, 33)RS-3 | WINNEBAGO | 17 | 9 |
| CONTRACT NO. 64H13 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME =
 G:\Projects\Winnebago\64H13_Pond_to_Cedar_Smart\Half\ch\207811-sh.dgn

USER NAME = lillyk
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = Thu Mar 10 09:46:49 2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

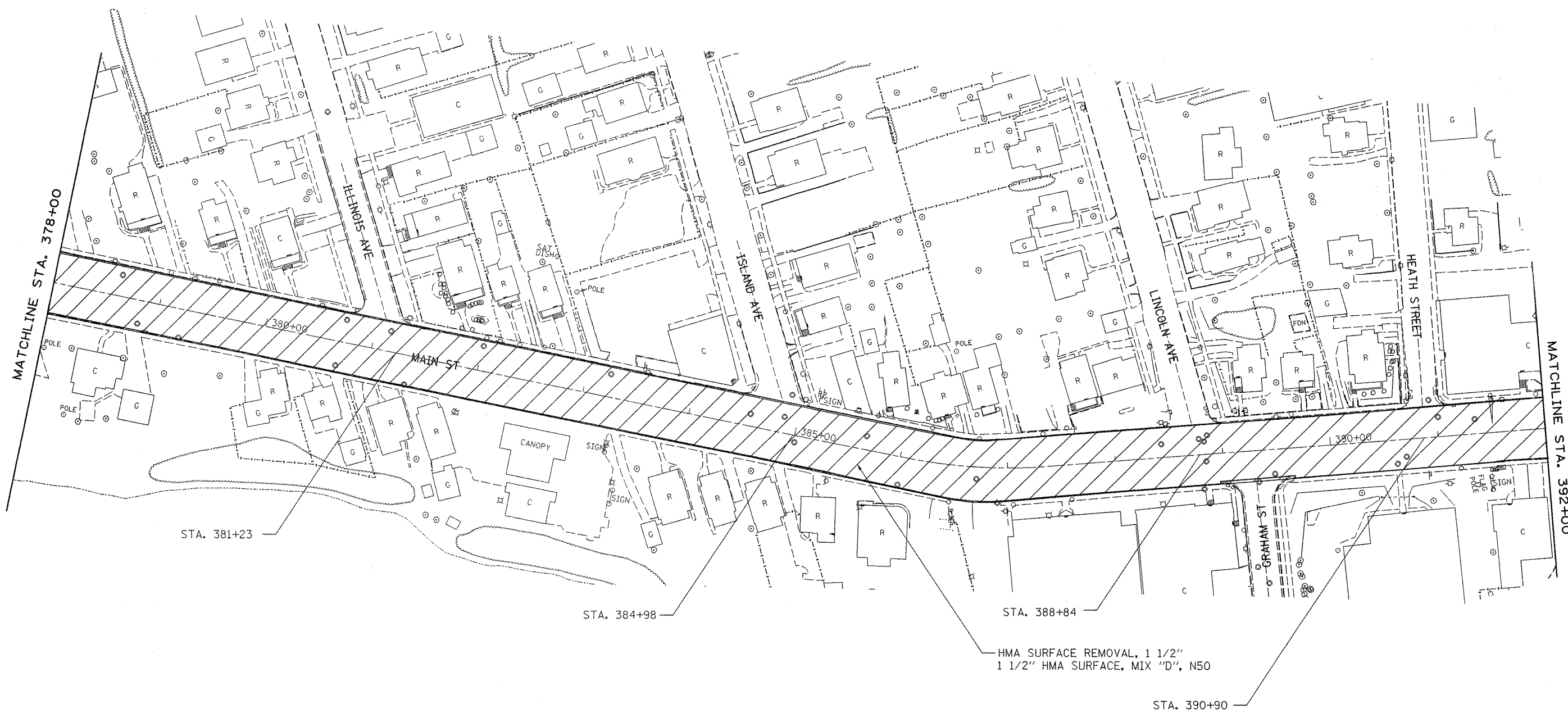
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL ROUTE 2

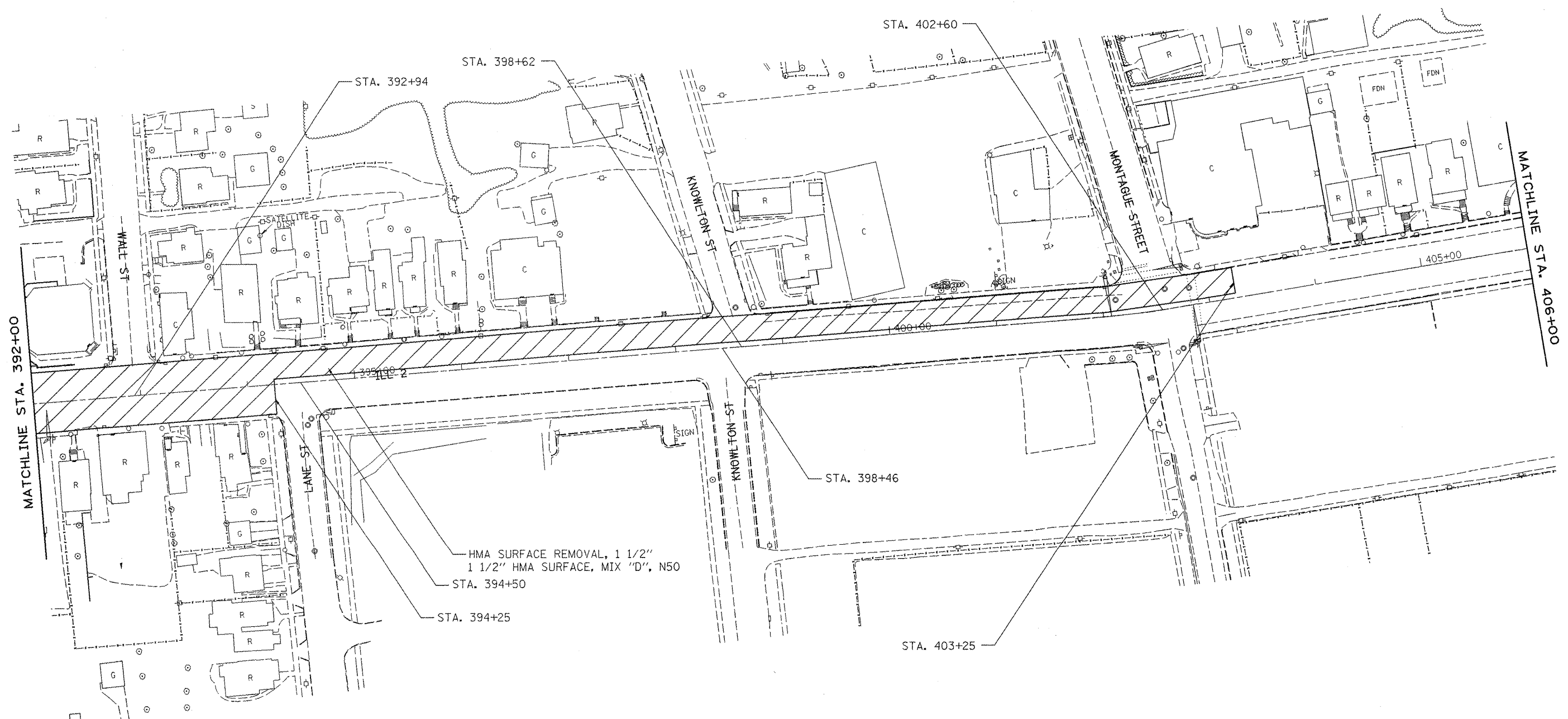
SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|-----------|--------------|-----------|
| 742 | (32, 33)RS-3 | WINNEBAGO | 17 | 10 |
| CONTRACT NO. 64H13 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



HMA SURFACE REMOVAL, 1 1/2"
1 1/2" HMA SURFACE, MIX "D", N50

| | | | | | | | | | | | |
|--|---------------------|------------|-----------|---|---------------------------|--------------|-------------|---------|--------|--------------|-----------|
| FILE NAME = | USER NAME = lillyks | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 2 | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0:\Projects\Winnebago\64H13_Pond_to_Cedar_Smart\Helfrich\0207811-sht.dgn | | DRAWN - | REVISED - | | 742 | (32, 33)RS-3 | WINNEBAGO | 17 | 11 | | |
| PLOT SCALE = 50.0000' / IN. | | CHECKED - | REVISED - | | CONTRACT NO. 64H13 | | | | | | |
| PLOT DATE = Thu Mar 10 09:46:52 2011 | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | |
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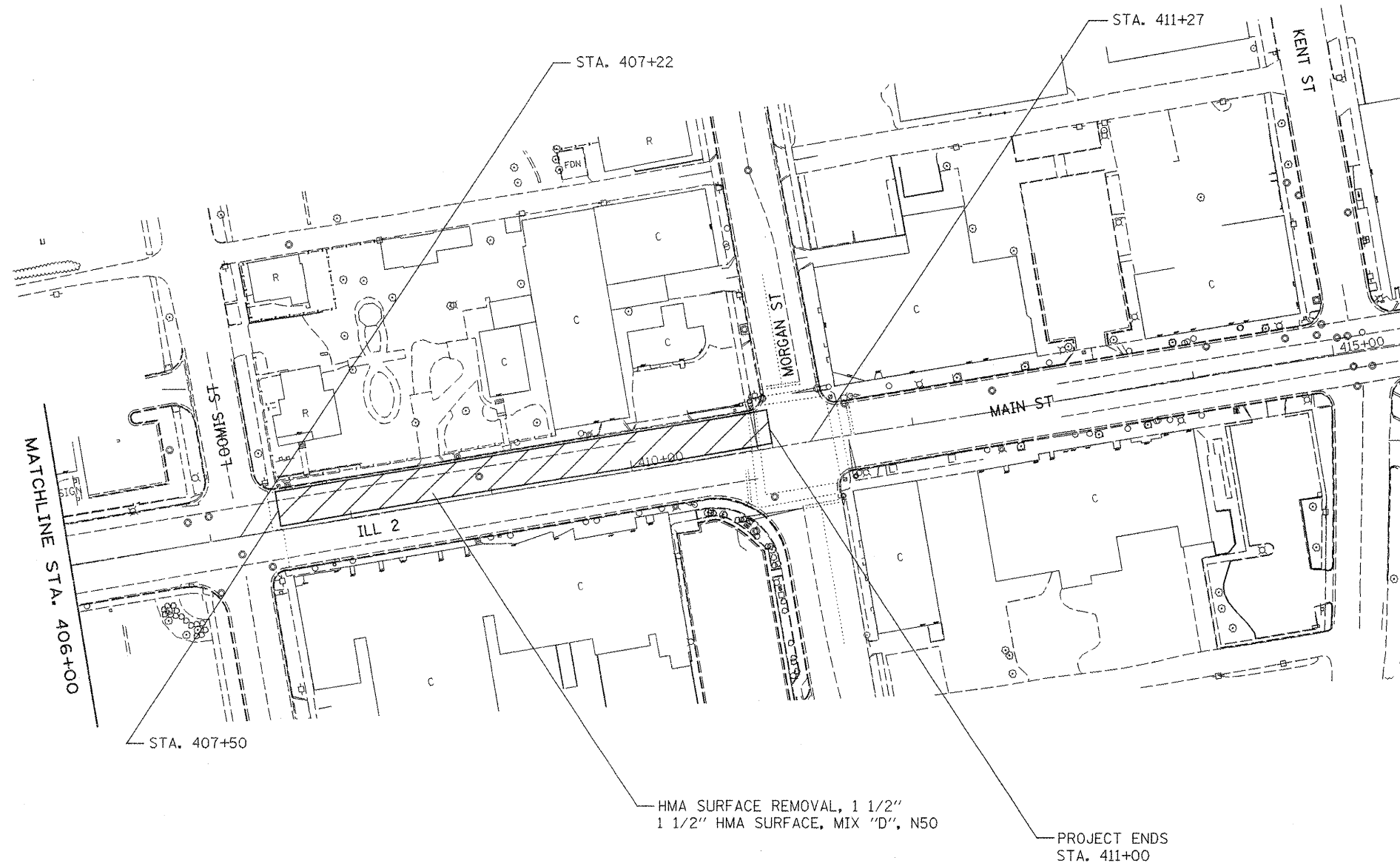


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| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |
| | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-------------------|-----------|-----------|--------------|
| IL ROUTE 2 | | | |
| SCALE: | SHEET NO. | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|--------------|-----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 742 | (32, 33)RS-3 | WINNEBAGO | 17 | 12 |
| CONTRACT NO. 64H13 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



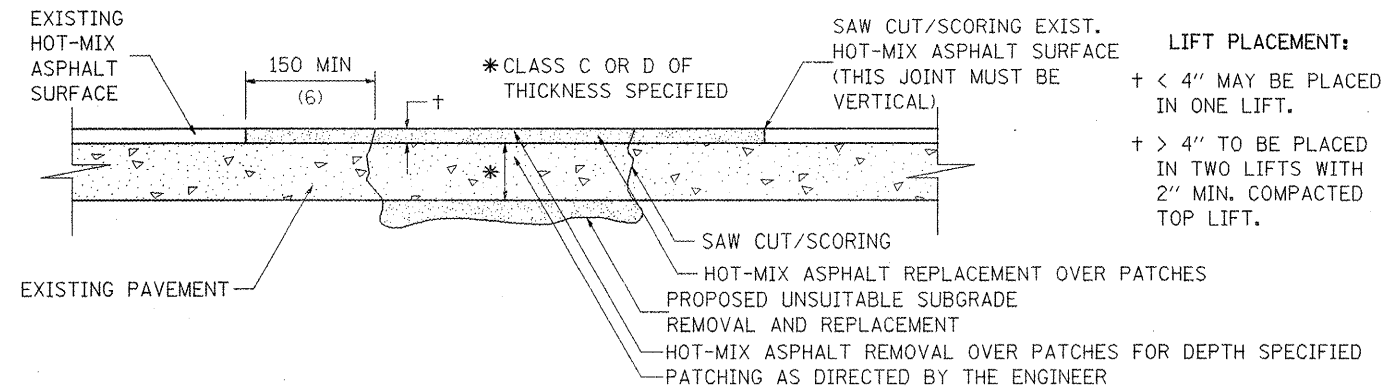
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| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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|-------------------|-----------|-----------|--------------|
| IL ROUTE 2 | | | |
| SCALE: | SHEET NO. | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|--------------|-----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 742 | (32, 33)RS-3 | WINNEBAGO | 17 | 13 |
| CONTRACT NO. 64H13 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT



SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE HOT-MIX ASPHALT SURFACE.
3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
4. REPLACE HOT-MIX ASPHALT SURFACE OVER FULL DEPTH PATCHES AND AT LOCATIONS OF HOT-MIX ASPHALT SURFACE REMOVAL.

GENERAL NOTES:

1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

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

REVISED - 5-27-09

AREA NOT USED

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT 32.4

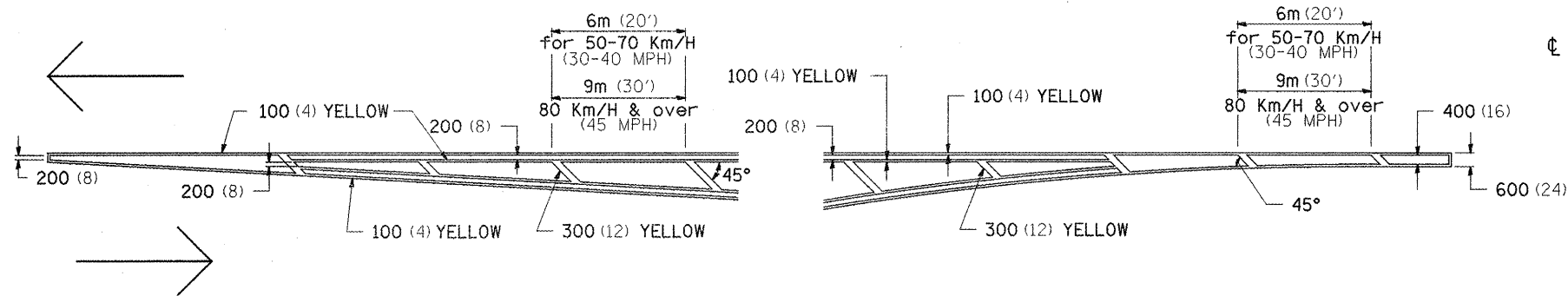
AREA NOT USED

| | | | | | | |
|-----------|--------------------------------|---|---|-----------|--------------|-----------|
| REVISED - | REGION 2 / DISTRICT 2 STANDARD | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| REVISED - | | 742 | (32, 33)RS-3 | WINNEBAGO | 17 | 14 |
| REVISED - | | CONTRACT NO. 64H13 | | | | |
| REVISED - | | SCALE: 50.0000' / 1" SHEET NO. OF SHEETS STA. TO STA. | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | |

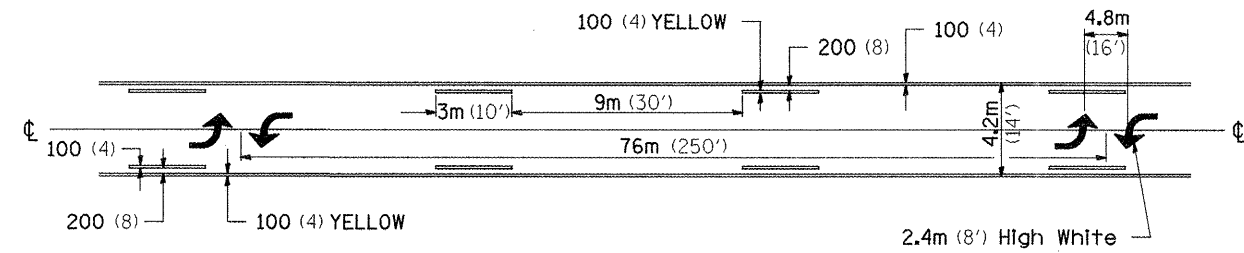
PLOT DATE = Thu Mar 10 09:47:02 2011

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

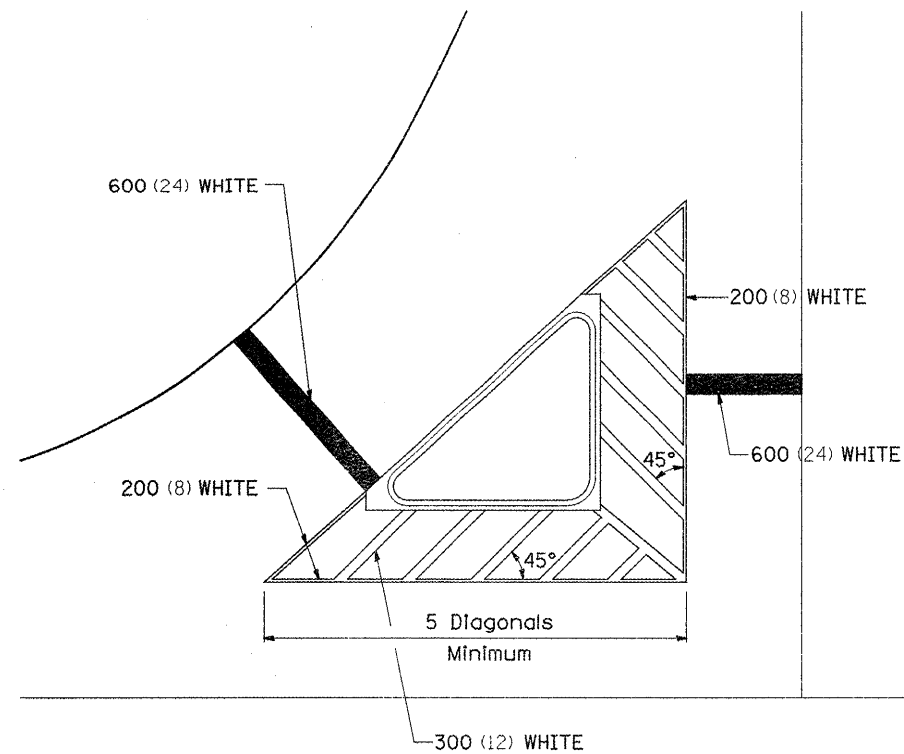


MEDIAN PAVEMENT MARKING

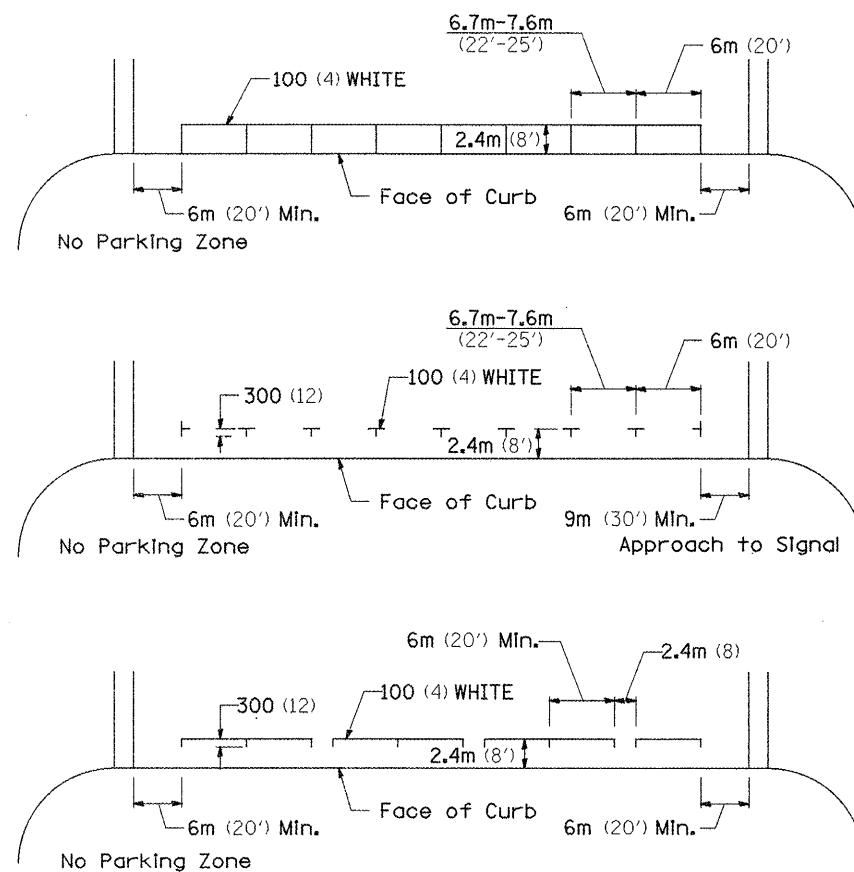


** ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

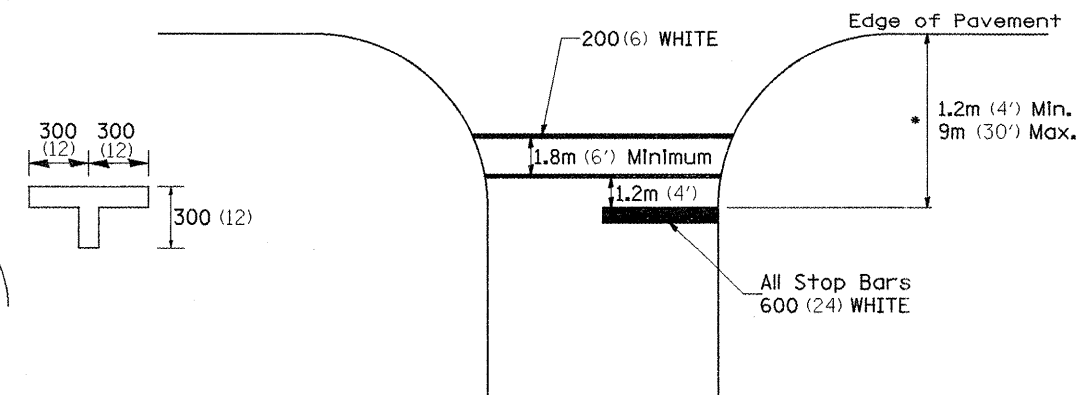


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations

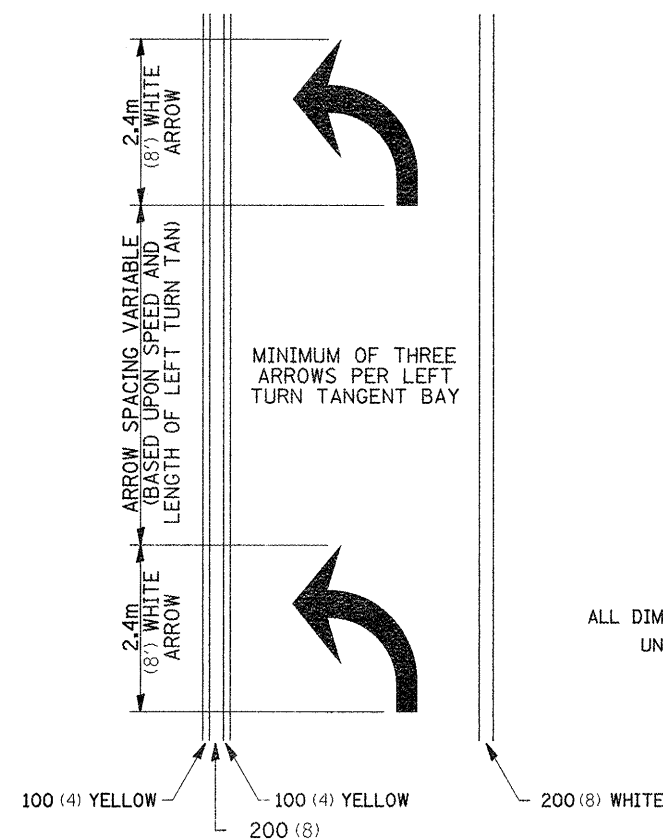


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

| | | | | | | | | | | |
|--|---------------------|------------|---------------------------|---|---------------------------------------|--------------|-----------|-----------|--------------|-----------|
| FILE NAME = | USER NAME = lillyke | DESIGNED - | REVISED - 10-21-08 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | REGION 2 / DISTRICT 2 STANDARD | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| D:\Projects\Winnebago\64H13_Pond_to_Cedar_SmART\Helfrich\0207811-sht.dgn | DRAWN - | REVISED - | 742 | | | (32, 33)RS-3 | WINNEBAGO | 17 | 15 | |
| PLOT SCALE = 50.0000 / IN. | CHECKED - | REVISED - | CONTRACT NO. 64H13 | | | | | | | |
| PLOT DATE = Thu Mar 10 09:47:03 2011 | DATE - | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | | | SCALE: | SHEET NO. | OF SHEETS | STA. | TO STA. |

TYPICAL PAVEMENT MARKINGS

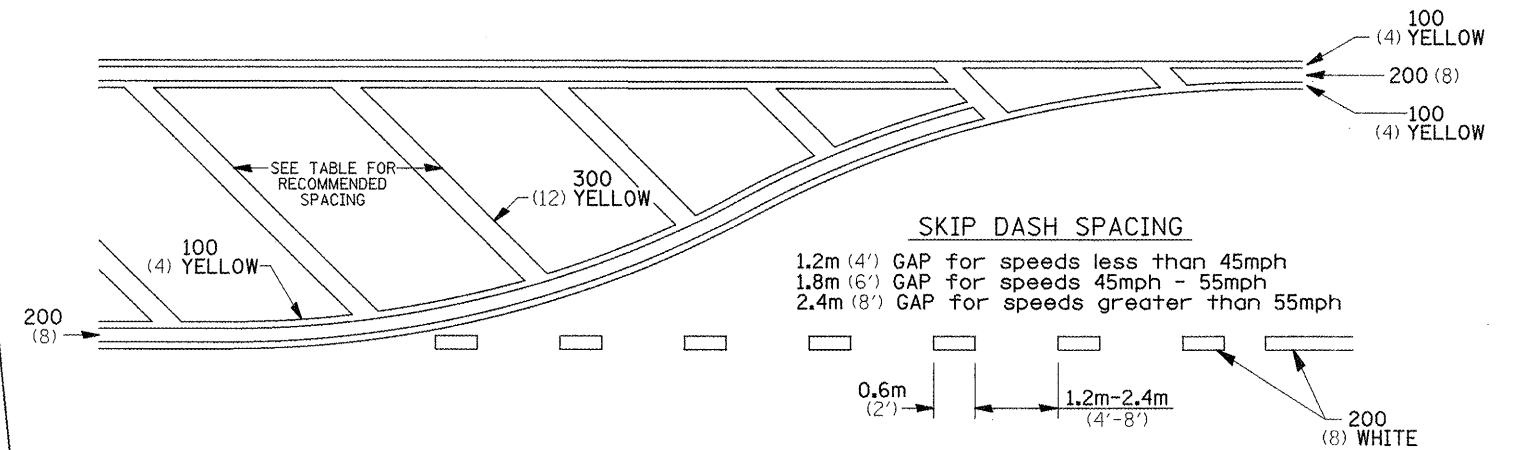
ARROW LAYOUT



- ▲ ONE-WAY AMBER MARKER
- △ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

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

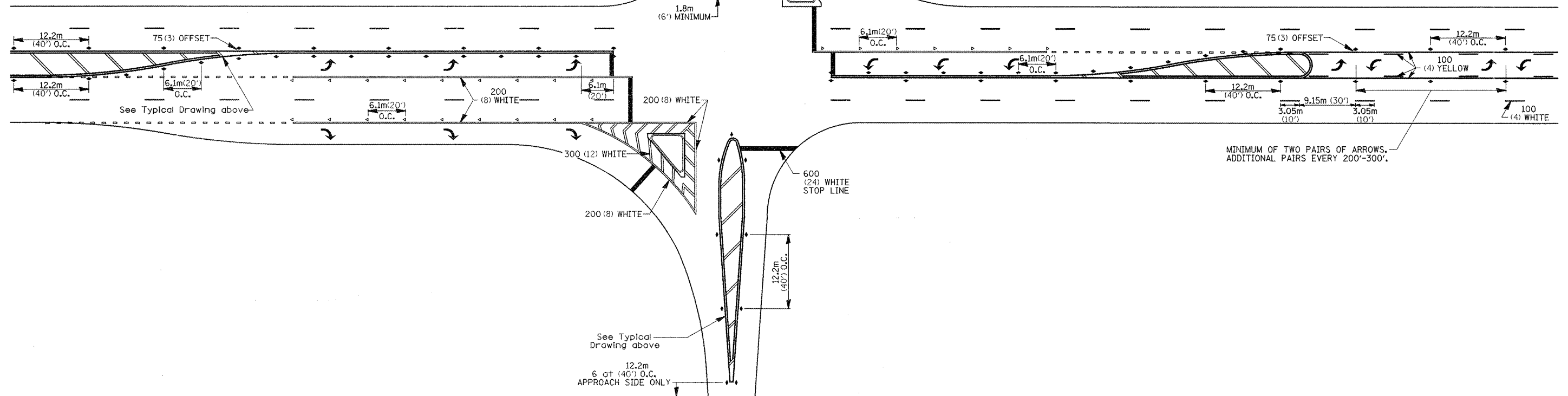
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

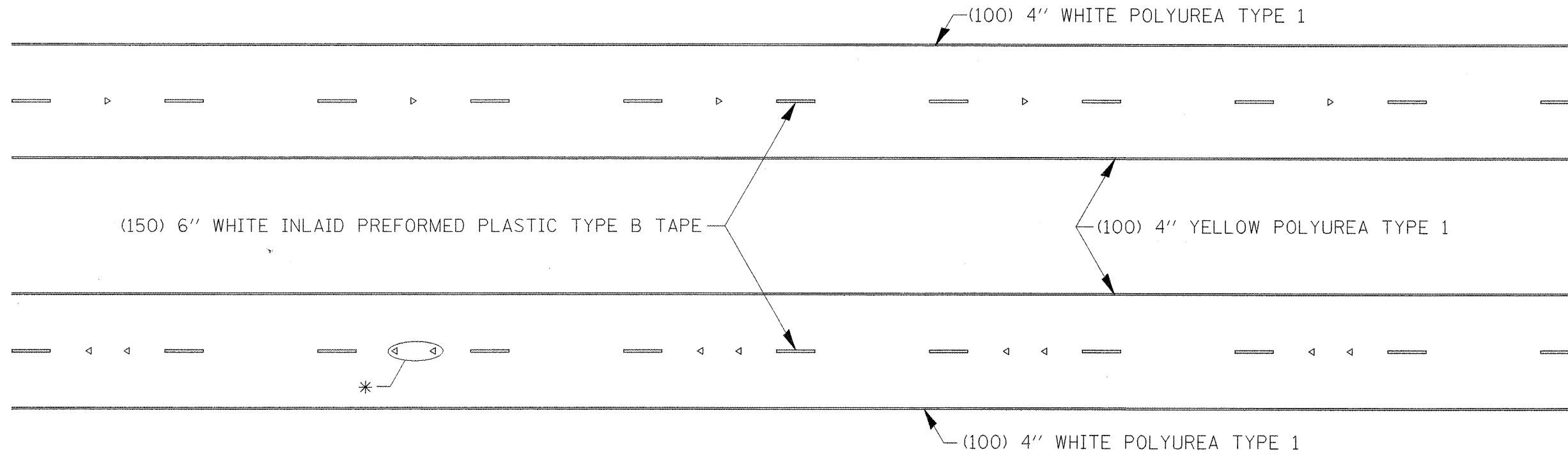
| Speed Limit Range | Continuous Median Area | Intersection Channelization | Objects (Islands) |
|--------------------------|------------------------|-----------------------------|-------------------|
| less than 50Km/H (30MPH) | 15.3m (50') | 4.53m (15') | 3.05m (10') |
| 50-60Km/H (30-40MPH) | 22.9m (75') | 6.1m (20') | 4.53m (15') |
| 70Km/H (45MPH) & over | 22.9m (75') | 9.05m (30') | 6.1m (20') |

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



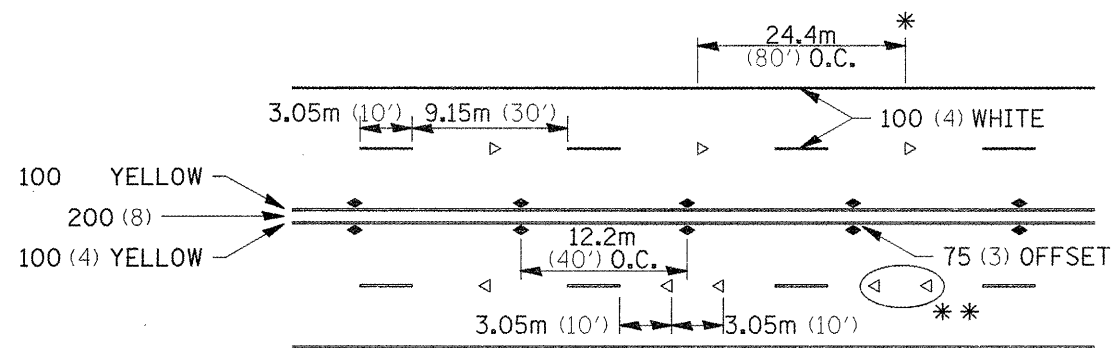
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|--|---------------------|------------|--------------------|---|---|-----------|-----------|-------------|---------|--------|--------------|-----------|-------|
| FILE NAME = | USER NAME = lillyka | DESIGNED - | REVISED - 10-21-08 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | REGION 2 / DISTRICT 2 STANDARD | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| D:\Projects\Winnebago\64H13_Pond_to_Cedar_Smart\Helfrich\0207811-sht.dgn | | DRAWN - | REVISED - | | SCALE: | SHEET NO. | OF SHEETS | STA. | TO STA. | 742 | (32, 33)RS-3 | WINNEBAGO | 17 16 |
| | | CHECKED - | REVISED - | | CONTRACT NO. 64H13 | | | | | | | | |
| | | DATE - | REVISED - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | | | |

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 25,000.

MULTI-LANE / DIVIDED

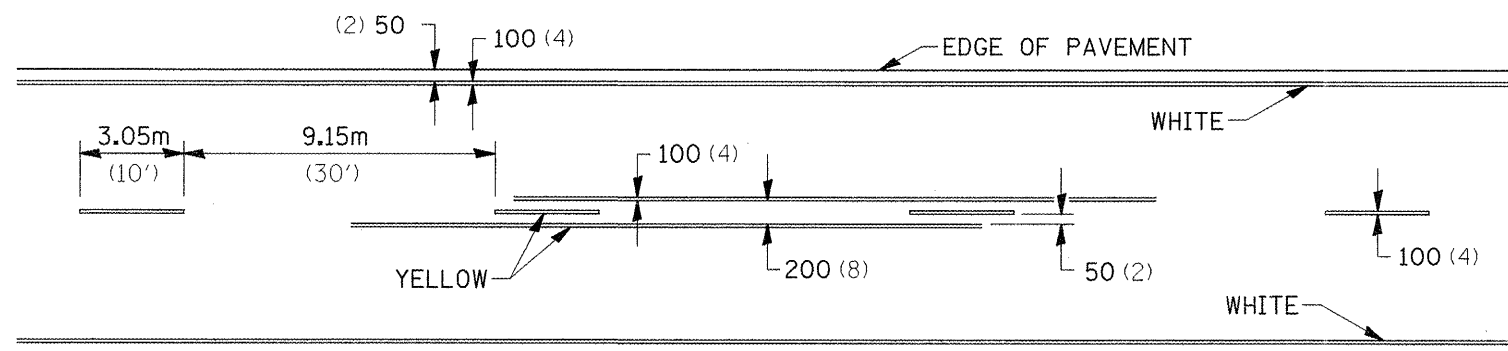


* REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.

** USE DOUBLE MARKERS WHEN ADT ≥ 25,000

MULTI-LANE / UNDIVIDED

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS

| | | | | | | | | | | |
|--|-------------------|------------|---------------------------|---|---------------------------------------|--|-----------|--------|--------------|-----------|
| FILE NAME = | USER NAME = lilye | DESIGNED - | REVISED - 10-21-08 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | REGION 2 / DISTRICT 2 STANDARD | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0:\Projects\Winnebago\64H13_Pond_to_Cedar_Smart\Helfrich\0207811-sht.dgn | DRAWN - | REVISED - | 742 | | | (32, 33)RS-3 | WINNEBAGO | 17 | 17 | |
| PLOT SCALE = 50.0000' / IN. | CHECKED - | REVISED - | CONTRACT NO. 64H13 | | | | | | | |
| PLOT DATE = Thu Mar 10 09:47:04 2011 | DATE - | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | SCALE: | | SHEET NO. OF SHEETS STA. TO STA. | | TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 411 | | | | |