

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1350	1292-1	COOK	33	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60J57		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

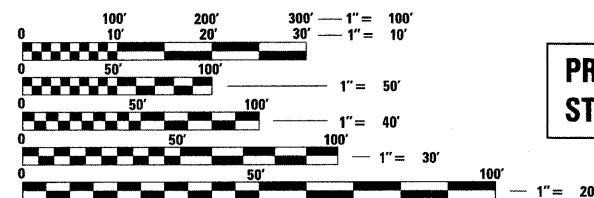
F. A. U. ROUTE 1350
IL RTE 72 (HIGGINS ROAD) AT DESPLAINES RIVER
SECTION: 1292-1
BRIDGE DECK REPAIR & RESURFACE APPROACHES
STRUCTURE NO. 016-0665
COOK COUNTY
C-91-247-10
PROJECT NO: ACM-1350(002)

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROJECT LOCATED IN
LEYDEN TOWNSHIP**

TRAFFIC DATA

2007 ADT = 27,100 VEHICLES PER DAY
SPEED LIMIT = 45 MPH



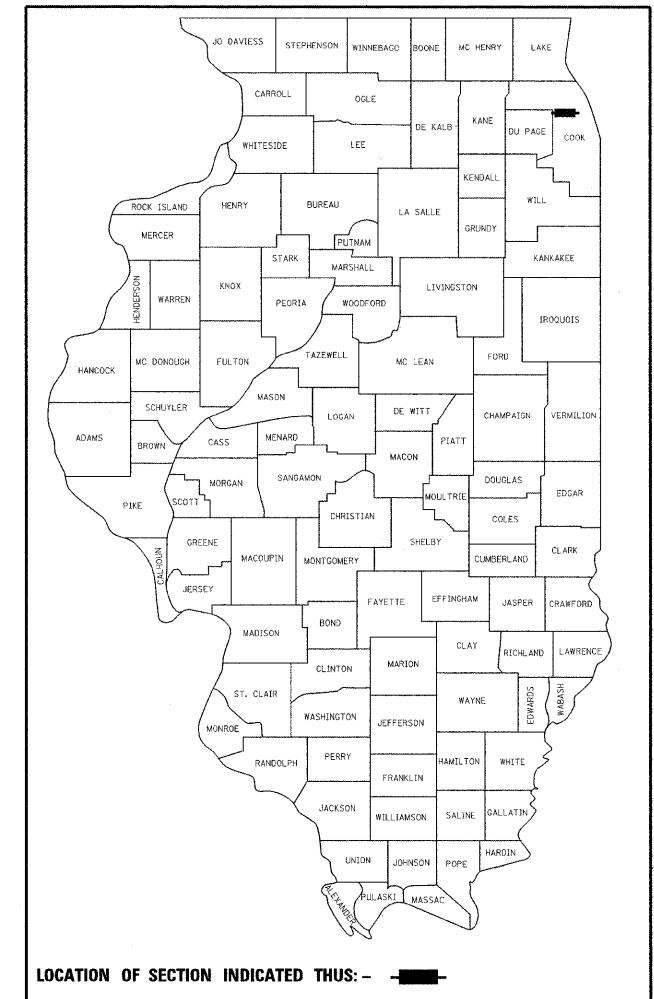
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: MICHELLE AQUINO (847) 705-4606
PROJECT MANAGER: RAJENDRA SHAH (847) 705-4555

CONTRACT NO. 60J57

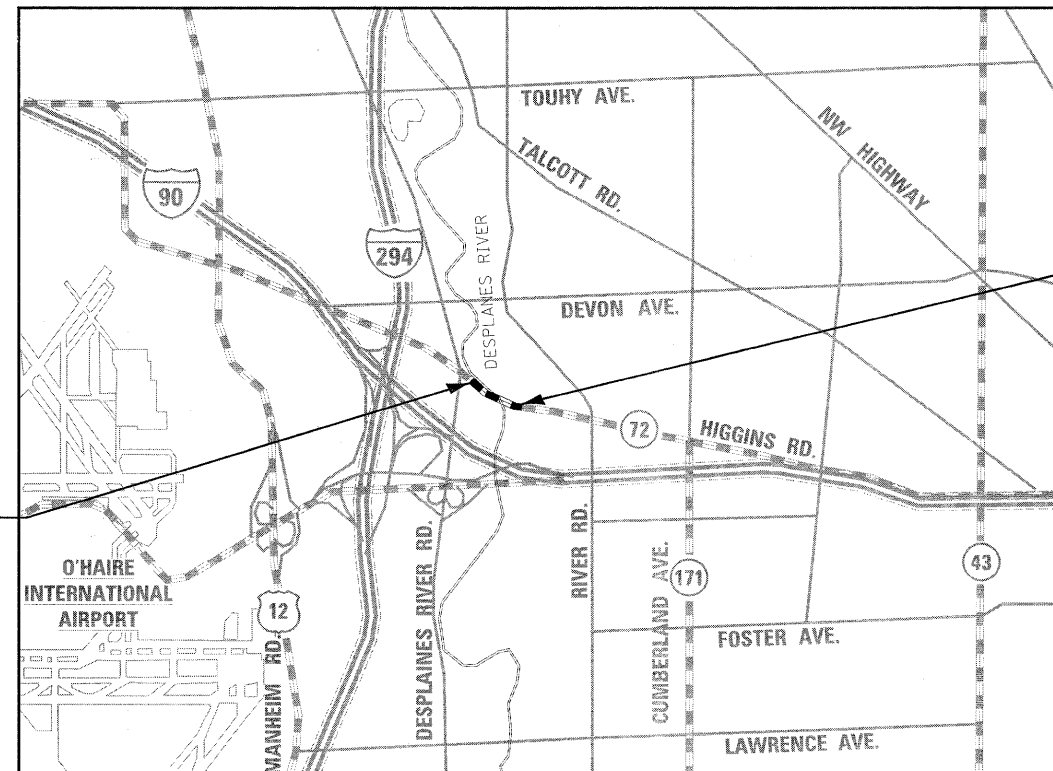
D-91-247-10



LOCATION OF SECTION INDICATED THUS: - ■ -

T 40 N

R 12 E



**PROJECT ENDS
STA. 117 + 02**

**PROJECT BEGINS
STA. 105 + 13**

LEYDEN TOWNSHIP
GROSS & NET LENGTH OF PROJECT = 1,189 FT = 0.23 MILES

LOCATION MAP
NOT TO SCALE

EDWARD J. KALINA
REGISTERED PROFESSIONAL ENGINEER
ILLINOIS
1-28-10
Expires: 11-30-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 18, 2010
Diane O'Keefe /s/ DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Stilt P.E. /s/ ASSISTANT ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christine M. Reed /s/ DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, IL 60187

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OF THE STATE OF ILLINOIS**

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32	ARTERIAL ROAD INFORMATION SIGN
33	DRIVEWAY ENTRANCE SIGNING

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
515001-03	NAME PLATE FOR BRIDGES
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701422-02	LANE CLOSURE, MULTILANE, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH TO 55 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701431-05	LANE CLOSURE, MULTILANE, UNDIVIDED WITH Crossover FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH TO 55 MPH
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES - ROADWAY

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800)892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES 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 RESURFACING MEETS EXISTING PAVEMENT). IN ACCORDANCE WITH "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE RESIDENT ENGINEER SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREA.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD (FOR FUTURE REFERENCES), ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL CONTACT MR. WALLY TRAFFIC FIELD ENGINEER (OR TECHNICIAN), A MINIMUM OF TWO WEEKS PRIOR TO THE START OF THIS PROJECT SO THAT EXACT STATIONING OF NO PASSING ZONES AND OTHER PERMANENT PAVEMENT MARKINGS MAY BE ESTABLISHED.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM BRIDGE INSPECTORS.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND ITS REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING.
- SAW CUTTING OF PAVEMENTS, SHOULDERS, ETC., SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN, STRAIGHT EDGE ON THE PORTION REMAINING. THE COST OF SAW CUTTING REMOVAL ITEMS SHALL BE INCLUDED IN THE UNIT PRICES OF THESE ITEMS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

GENERAL NOTES - TRAFFIC CONTROL & PROTECTION

- THE MAINTENANCE OF TRAFFIC CONTROL (MOT) PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE MOT PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE MOT PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE TO THE MOT PLANS.
- ALL EXISTING PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC STRIPING SHALL BE REMOVED. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT, "PAVEMENT MARKING REMOVAL".
- THE CONTRACTOR SHALL REMOVE ALL TEMPORARY PAVEMENT MARKING TAPE WHICH CONFLICTS WITH THE NEXT STAGE OR FINAL STRIPING. REMOVAL OF TEMPORARY PAVEMENT MARKING TAPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT, "WORK ZONE PAVEMENT MARKING REMOVAL".
- ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC, AS DETAILED ON THE PLANS, OR HIGHWAY STANDARDS SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN MAINTENANCE OF TRAFFIC SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
- ALL DRUMS, VERTICAL PANELS AND BARRICADES ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH STEADY-BURNING LIGHTS.
- ALL EXISTING SIGNS WITHIN THE LIMITS OF MAINTENANCE OF TRAFFIC WHICH ARE OBSCURED BY OR OTHERWISE INTERFERED WITH BY THE CONSTRUCTION OPERATIONS AND MAINTENANCE OF TRAFFIC SHALL BE COVERED OR REMOVED BY THE CONTRACTOR UNLESS SPECIFIED IN THE PLANS OR WHEN DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS.
- TEMPORARY, OFF-PEAK HOUR LANE CLOSURES MUST BE REQUESTED THROUGH THE ENGINEER AND AS SPECIFIED IN THE SPECIAL PROVISIONS. WHEN OFF-PEAK HOUR OR WEEKEND LANE CLOSURES ARE REQUIRED, A PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE INSTALLED ONE WEEK PROR TO THE CLOSURE. THE MESSAGE SIGN WORDING AND LOCATION WILL BE DETERMINED BY THE ENGINEER.
- ALL TEMPORARY INFORMATION SIGNS SHALL BE PAID FOR SEPARATELY AT THE CONTRACT UNIT PRICE PER SQUARE FEET FOR "TEMPORARY INFORMATION SIGNING".
- TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OF CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.
- ALL TEMPORARY PAVEMENT MARKINGS PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.
- FOR ADDITIONAL BRIDGE CONSTRUCTION STAGING INFORMATION, SEE STRUCTURAL PLANS.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND I STALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

PLOT DATE = 1/28/2010
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 SHEET NAME = 060501
 SHEET NO. = 2 OF 2



200 West Front Street
Wheaton, IL 60187

DESIGNED - MTH	REVISED -
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DATE - 1/28/2010 6:25:37 PM	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL-72 OVER DESPLAINES RIVER
SN 016-0665**

**INDEX OF SHEETS, STATE
STANDARDS, GENERAL NOTES**

SCALE: N/A SHEET NO. 2 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1350	1292-I	COOK	33	2
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

URBAN
80% FED.
20% STATE

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE BRIDGE SN 016-0322
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	SFTY-2A QUANTITY
31100200	SUB-BASE GRANULAR MATERIAL, TYPE A	CU YD	208	208
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1	1
40600300	AGGREGATE (PRIME COAT)	TON	2	2
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40603395	HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	82	82
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	974	974
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	619	619
44000915	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	1,134	1,134
44003100	MEDIAN REMOVAL	SQ FT	5,077	5,077
44003700	MEDIAN REMOVAL (SPECIAL)	SQ FT	2,706	2,706
50102400	CONCRETE REMOVAL	CU YD	75.4	75.4
50300100	FLOOR DRAINS	EACH	29	29
50300255	CONCRETE SUPERSTRUCTURE	CU YD	78	78
50300260	BRIDGE DECK GROOVING	SQ YD	1,064	1,064
50300300	PROTECTIVE COAT	SQ YD	1,193	1,193
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12,480	12,480
50800515	BAR SPLICERS	EACH	22	22
52000110	PREFORMED JOINT STRIP SEAL	FOOT	181	181
58700300	CONCRETE SEALER	SQ FT	6,950	6,950
60605600	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.06	FOOT	6,950	6,950
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4,811	4,811
60620400	CONCRETE MEDIAN, TYPE SB-9.06	SQ FT	2,706	2,706
60624600	CORRUGATED MEDIAN	SQ FT	266	266
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,154	1,154
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	21,608	21,608
* 72000100	SIGN PANEL - TYPE 1	SQ FT	15	15
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41	41
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	110	110
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,632	5,632

* SPECIALTY ITEM

URBAN
80% FED.
20% STATE

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE BRIDGE SN 016-0322
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	SFTY-2A QUANTITY
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	459	459
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	38	38
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,220	1,220
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	246	246
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	10	10
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,293	2,293
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	222	222
X0326766	CLEAN & RESEAL RELIEF JOINT	FOOT	150	150
X0322185	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 INCHES	SQ YD	1,134	1,134
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	103	103
X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	20,454	20,454
X0712400	TEMPORARY PAVEMENT	SQ YD	569	569
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	569	569
70006204	BRIDGE DECK HYDRO-SCARIFICATION 1/2"	SQ YD	1,134	1,134
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	7.5	7.5
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	10	10
50157800	PROTECTIVE SHIELD	SQ YD	1745	1745

* SPECIALTY ITEM

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JOB = 1172



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200 West Front Street
Wheaton, IL 60187

DESIGNED - MTH
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-72 OVER DESPLAINES RIVER
SN 016-0665

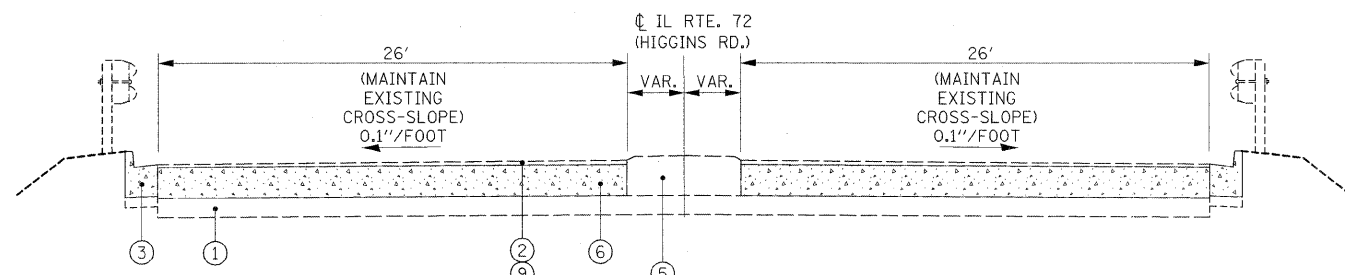
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SUMMARY OF QUANTITIES

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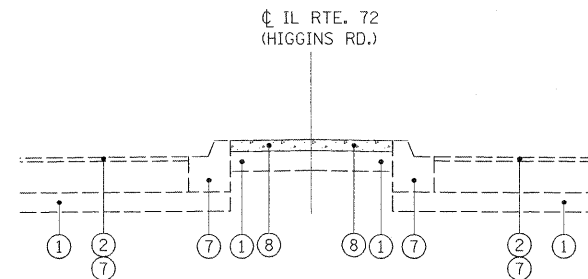
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CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Rev.



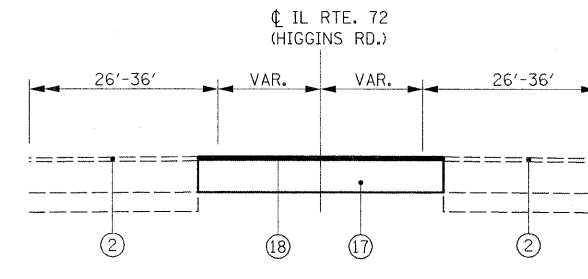
EXISTING TYPICAL SECTION

STA. 116+26 TO 116+93



EXISTING TYPICAL SECTION

STA. 105+13 TO 108+20

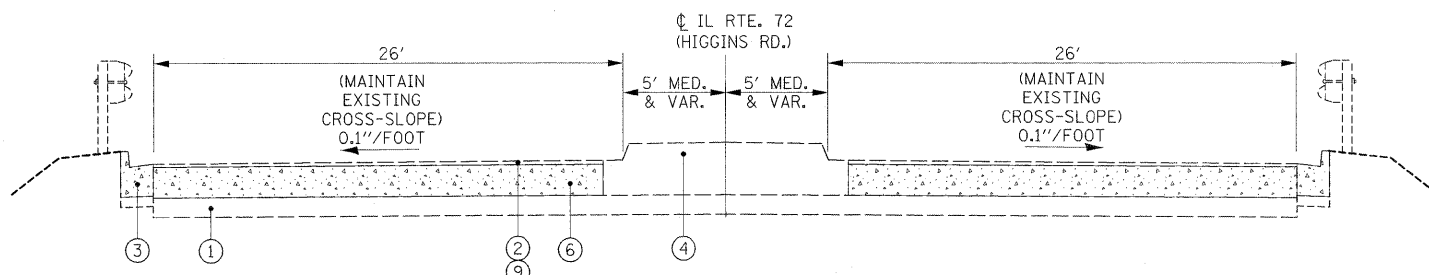


STAGING TYPICAL SECTION

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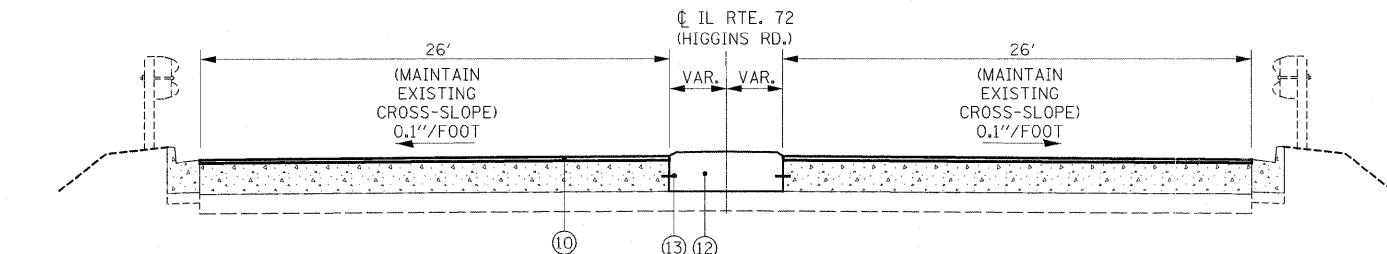
LEGEND

- ① EXISTING AGGREGATE BASE COURSE
- ② EXISTING HOT-MIX ASPHALT OVERLAY, 1 1/2"
- ③ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ④ EXISTING CONCRETE BARRIER MEDIAN TYPE SB-9.06
- ⑤ EXISTING CONCRETE CORRUGATED MEDIAN
- ⑥ EXISTING CONCRETE APPROACH SLAB
- ⑦ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.06
- ⑧ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑩ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 1/2"
- ⑪ PROPOSED CONCRETE BARRIER MEDIAN, TYPE SB-9.06
- ⑫ PROPOSED CONCRETE CORRUGATED MEDIAN
- ⑬ TIE BARS, NO. 6, 24" LONG, EMBEDDED 8" INTO EXISTING PAVEMENT @ 24" O.C.
- ⑭ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.06
- ⑮ PROPOSED CONCRETE MEDIAN SURFACE, 4"
- ⑯ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A
- ⑰ TEMPORARY PAVEMENT (HMA BINDER IL-19 mm)
- ⑱ HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1 1/2" (PAID FOR AS TEMPORARY PAVEMENT)



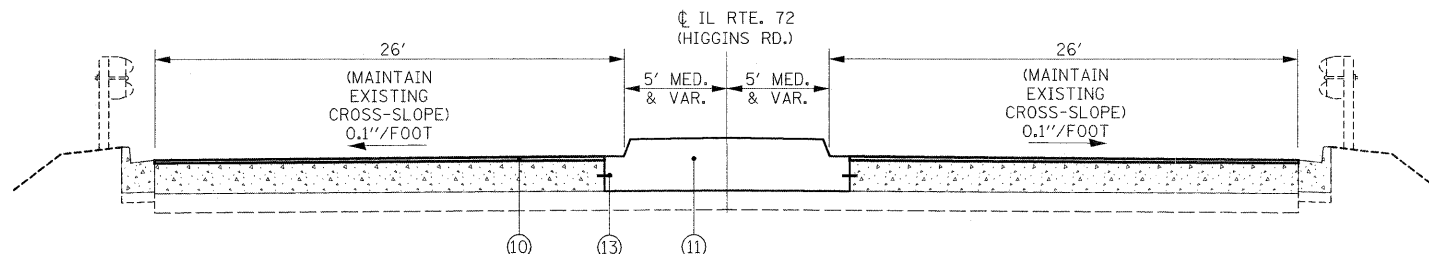
EXISTING TYPICAL SECTION

STA. 113+65 TO 114+26



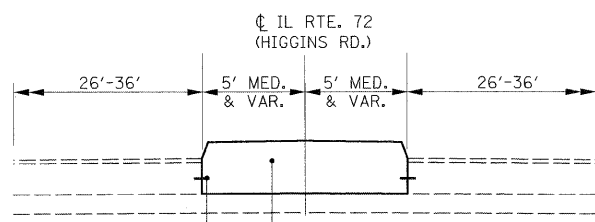
PROPOSED TYPICAL SECTION

PAVEMENT RESURFACING:
STA. 116+26 TO 116+93
MEDIAN REMOVAL AND REPLACEMENT:
STA. 116+26 TO 117+02



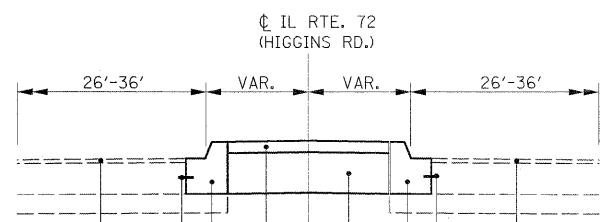
PROPOSED TYPICAL SECTION

STA. 113+68 TO 114+26



PROPOSED TYPICAL SECTION

STA. 109+19 TO 113+68



PROPOSED TYPICAL SECTION

STA. 105+13 TO 108+20

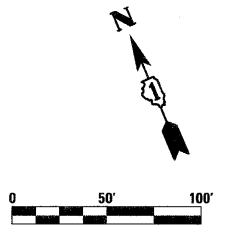
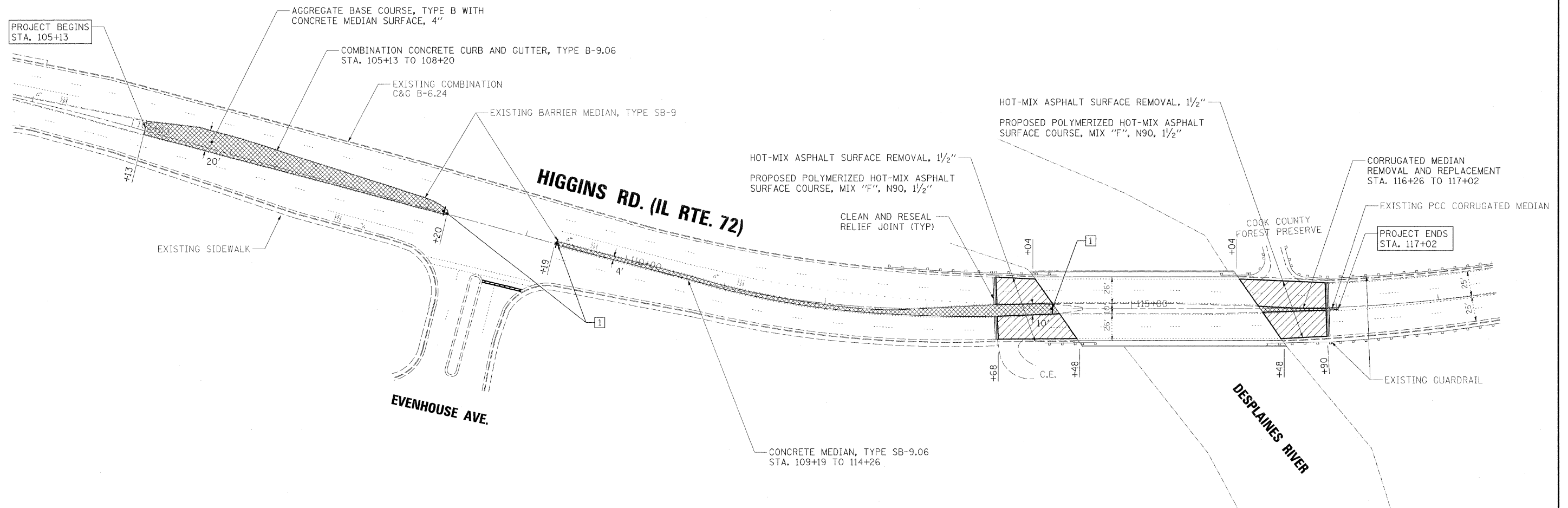
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USES	VOIDS
MAIN ROADWAY RESURFACING	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	4% @ 90 GYR.
TEMPORARY PAVEMENT	TEMP PAVEMENT (HMA BINDER IL-19 mm)	4% @ 50 GYR.
TEMPORARY PAVEMENT	HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	4% @ 50 GYR.

NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

PLOT DATE = 1/29/2010
 PLOT SCALE = 1/10
 USER NAME = drcdas
 MODEL = Default



1/29/2010
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200 West Front Street
Wheaton, IL 60187

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

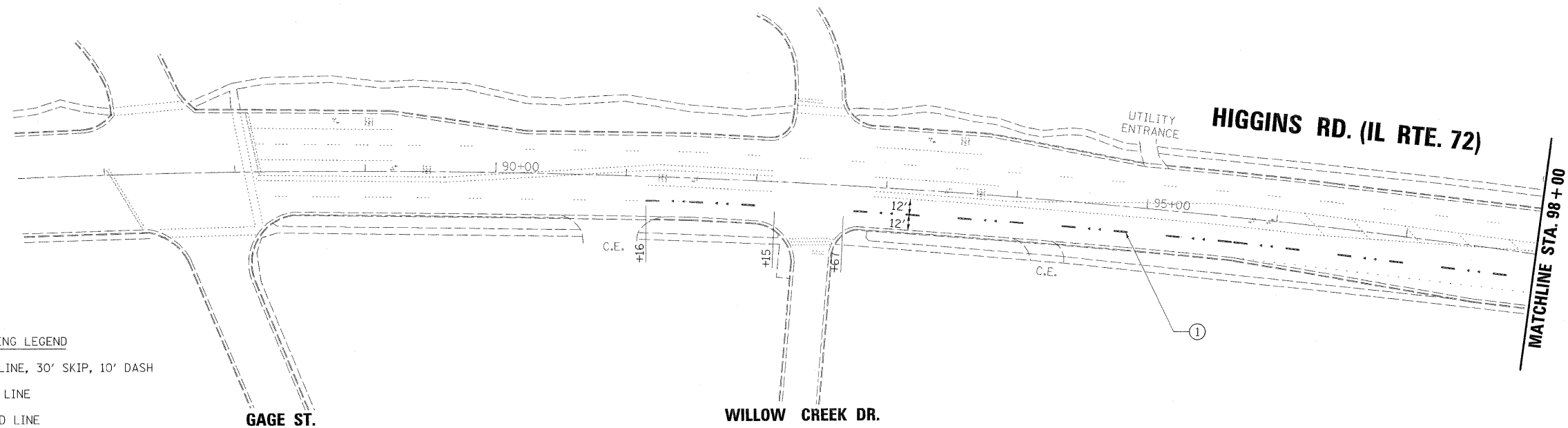
IL-72 OVER DESPLAINES RIVER
SN 016-0665

SCALE: 1"=50'

ROADWAY PLAN

STA. 104+00 TO STA. 117+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1350	1292-1	COOK	33	5
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



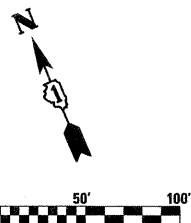
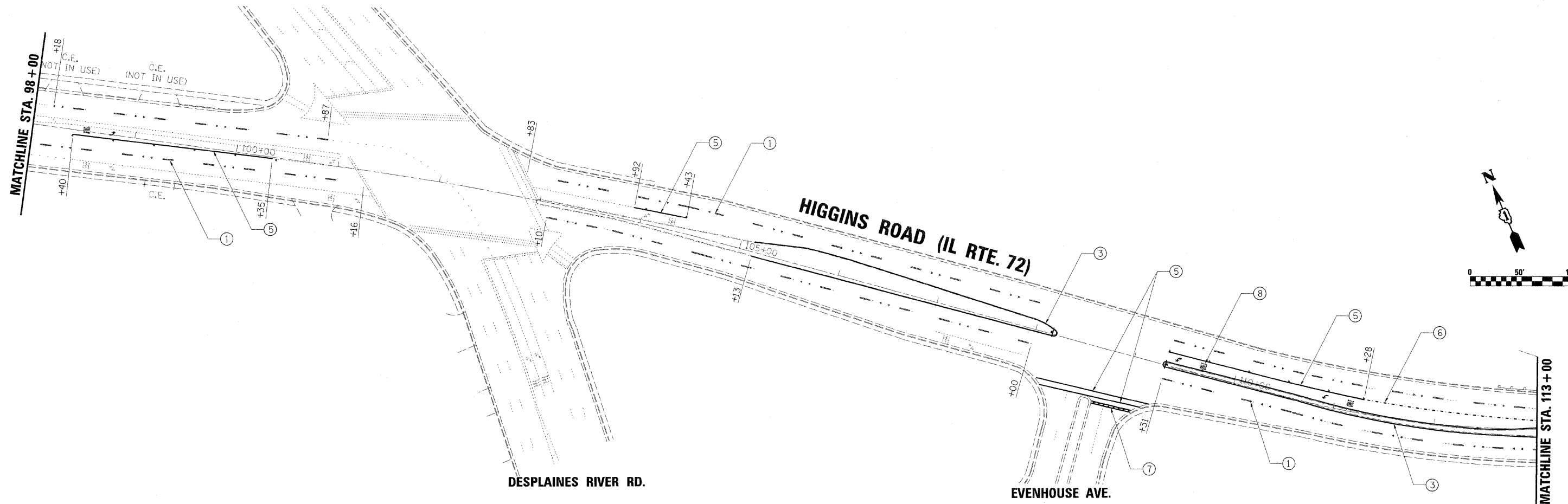
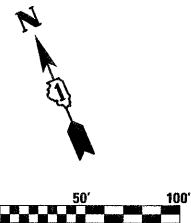
PAVEMENT MARKING LEGEND

- ① 4" WHITE LANE LINE, 30' SKIP, 10' DASH
- ② 4" WHITE SOLID LINE
- ③ 4" YELLOW SOLID LINE
- ④ 4" DOUBLE YELLOW CENTERLINE
- ⑤ 6" WHITE SOLID LINE
- ⑥ 6" WHITE DOTTED LINE, 6' SKIP, 2' DASH
- ⑦ 24" WHITE STOP BAR
- ⑧ LETTERS AND SYMBOLS, WHITE

SYMBOLS LEGEND

- ◁ ONE-WAY CRYSTAL MARKER
- ◄ ONE-WAY AMBER MARKER
- ◆ TWO-WAY AMBER MARKER

*ALL PROPOSED PAVEMENT MARKING ON THIS SHEET REPRESENTS THERMOPLASTIC PAVEMENT MARKING



PLOT DATE = 1/25/2016
 PLOT SCALE = 1/320
 USER NAME = drcds
 MODEL = Sheet 1



200 West Front Street
Wheaton, IL 60187

DESIGNED - MTH	REVISED -
DRAWN - DJW	REVISED -
CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

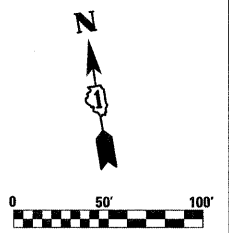
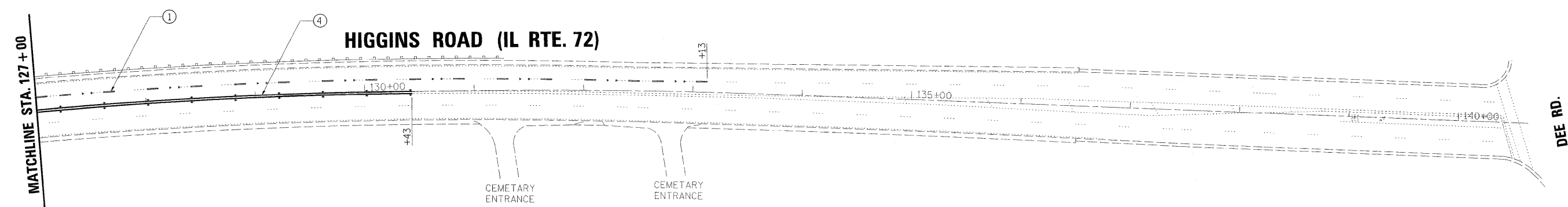
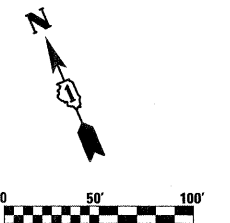
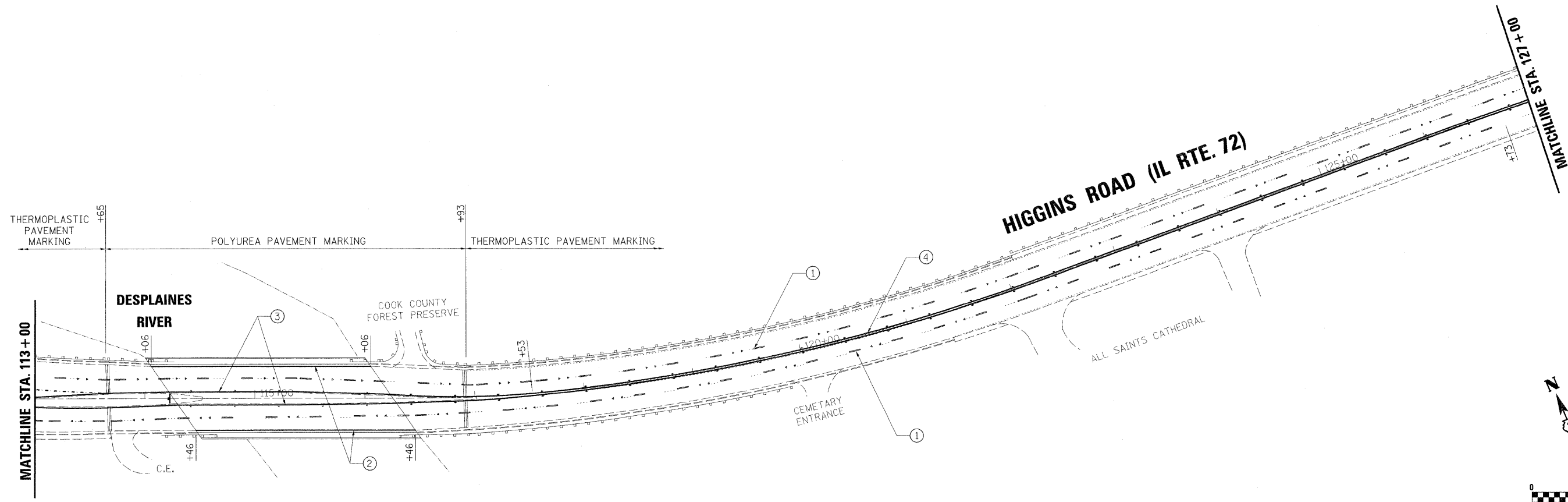
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL-72 OVER DESPLAINES RIVER
SN 016-0665**

**PAVEMENT MARKING
PLAN**

F.A.U. RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 6
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 6 OF 33 SHEETS STA. 87+00 TO STA. 113+00



PAVEMENT MARKING LEGEND

- ① 4" WHITE LANE LINE, 30' SKIP, 10' DASH
- ② 4" WHITE SOLID LINE
- ③ 4" YELLOW SOLID LINE
- ④ 4" DOUBLE YELLOW CENTERLINE
- ⑤ 6" WHITE SOLID LINE
- ⑥ 6" WHITE DOTTED LINE, 6' SKIP, 2' DASH
- ⑦ 24" WHITE STOP BAR
- ⑧ LETTERS AND SYMBOLS, WHITE

SYMBOLS LEGEND

- ◁ ONE-WAY CRYSTAL MARKER
- ◄ ONE-WAY AMBER MARKER
- ◆ TWO-WAY AMBER MARKER

PLOT DATE = 1/28/2010
 PLOT SCALE = 1"=50'
 USER NAME = dvedas
 MODEL = Sheet 2

rjngroup
 Excellence through Ownership
 200 West Front Street
 Wheaton, IL 60187

DESIGNED - MTH	REVISED -
DRAWN - DJW	REVISED -
CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

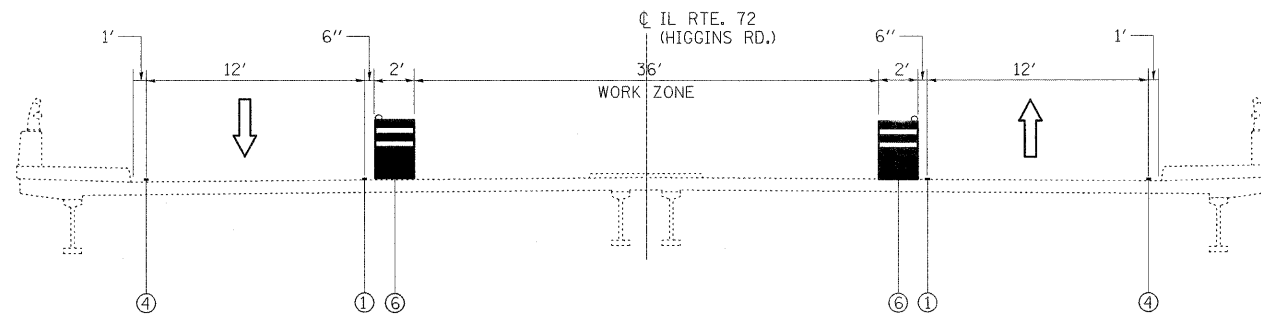
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL-72 OVER DESPLAINES RIVER
 SN 016-0665**

**PAVEMENT MARKING
 PLAN**

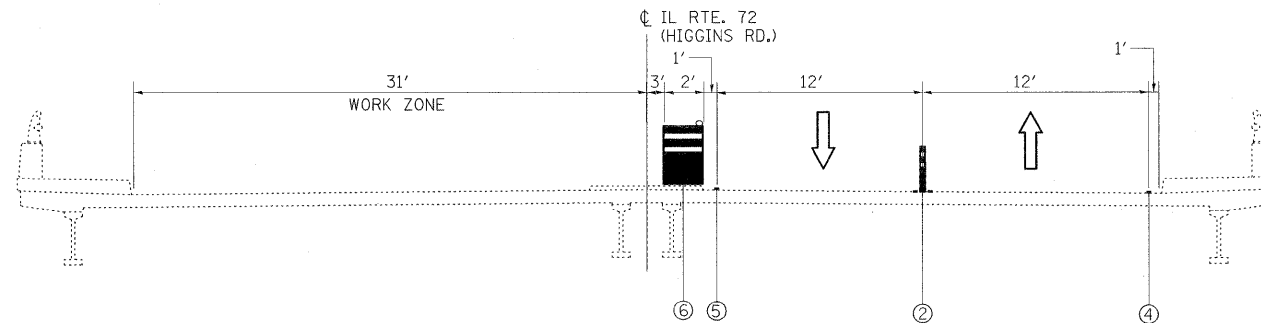
F.A.U. RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 7
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 7 OF 33 SHEETS STA. 113+00 TO STA. 40+00



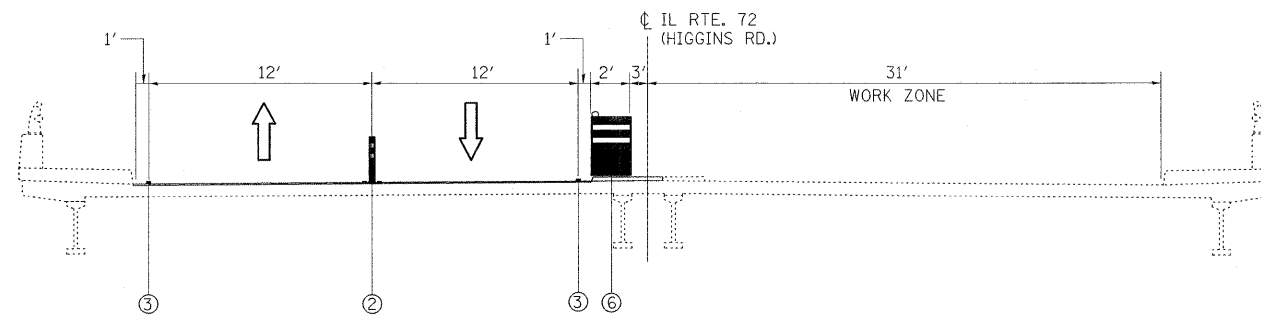
IL RTE. 72 – PRE-STAGE

(LOOKING EAST)



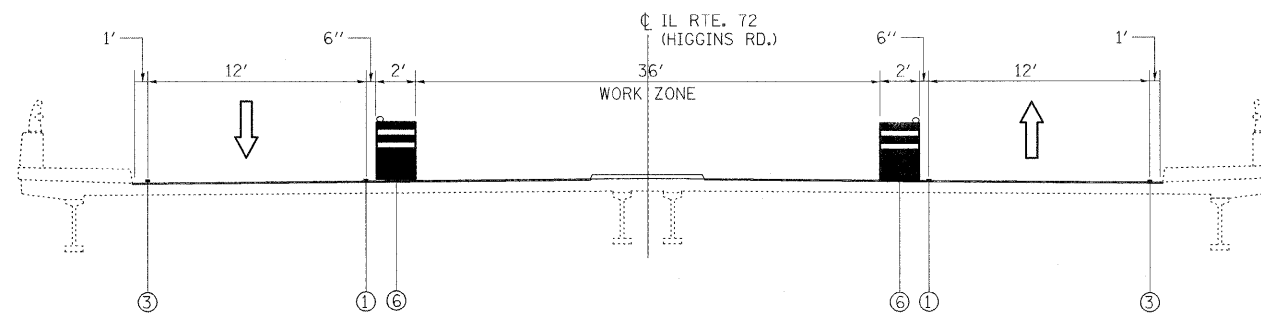
IL RTE. 72 – STAGE I

(LOOKING EAST)



IL RTE. 72 – STAGE II

(LOOKING EAST)



IL RTE. 72 – STAGE III

(LOOKING EAST)

PRE-STAGE

CONSTRUCTION:

- REMOVE CONCRETE MEDIAN SURFACE AND CONCRETE CURB AND GUTTER STA. 105+13 TO 108+20 AND REPLACE WITH TEMPORARY PAVEMENT TO BE FLUSH WITH ADJACENT PAVEMENT WITHIN THE LIMITS SHOWN
- REMOVE CONCRETE MEDIAN STA. 109+19 TO STA. 114+26 TO BE FLUSH WITH ADJACENT PAVEMENT WITHIN THE LIMITS SHOWN.
- REMOVE CONFLICTING MARKINGS AND IMPLEMENT STAGE I MOT PAVEMENT MARKINGS WITHIN THE WORK ZONE.

MAINTENANCE OF TRAFFIC:

- CLOSE INSIDE LANE IN BOTH DIRECTIONS PER THE MOT PLANS.
- CLOSURES ARE ANTICIPATED TO BE LIMITED TO OFF-PEAK HOURS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

STAGE I

CONSTRUCTION:

- PERFORM STRUCTURAL WORK ON NORTH HALF OF DECK AND ABUTMENTS.
- PARTIAL REMOVAL AND RESURFACING OF ROADWAY (TO PERMIT TRAFFIC FOR STAGE II WORK).
- REMOVE CONFLICTING MARKINGS AND IMPLEMENT STAGE II MOT PAVEMENT MARKINGS WITHIN THE WORK ZONE.

MAINTENANCE OF TRAFFIC:

- TRAFFIC REDUCED TO ONE LANE IN EACH DIRECTION, AND SHIFTED TO THE SOUTH SIDE OF THE EXISTING BRIDGE DECK.

STAGE II

CONSTRUCTION:

- PERFORM STRUCTURAL WORK ON SOUTH HALF OF DECK AND ABUTMENTS.
- PARTIAL REMOVAL AND RESURFACING OF ROADWAY (TO PERMIT TRAFFIC FOR STAGE III WORK).
- REMOVE CONFLICTING MARKINGS AND IMPLEMENT SHORT-TERM PAVEMENT MARKINGS.

MAINTENANCE OF TRAFFIC:

- TRAFFIC REDUCED TO ONE LANE IN EACH DIRECTION, AND SHIFTED TO THE NORTH SIDE OF THE REHABILITATED BRIDGE DECK.

STAGE III

CONSTRUCTION:

- REMOVE TEMPORARY PAVEMENT STA. 105+13 TO STA. 108+20 AND REPLACE CONCRETE CURB AND GUTTER AND CONCRETE MEDIAN SURFACE.
- COMPLETE MEDIAN REMOVAL AND RECONSTRUCT CONCRETE MEDIAN STA. 109+19 TO 114+26.
- APPLY BOTH SHORT-TERM AND PERMANENT PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS.

MAINTENANCE OF TRAFFIC:

- CLOSE INSIDE LANE IN BOTH DIRECTIONS PER THE MOT PLANS. ONCE MEDIAN HAS BEEN RECONSTRUCTED AND THERE ARE NO DROP-OFFS TO THE PAVEMENT, DAILY LANE CLOSURES PER STD. 701422 MAY BE USED.

SEE SHEET 2 FOR TRAFFIC CONTROL AND PROTECTION NOTES.

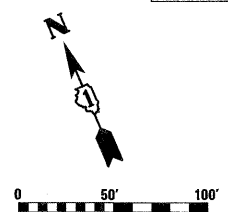
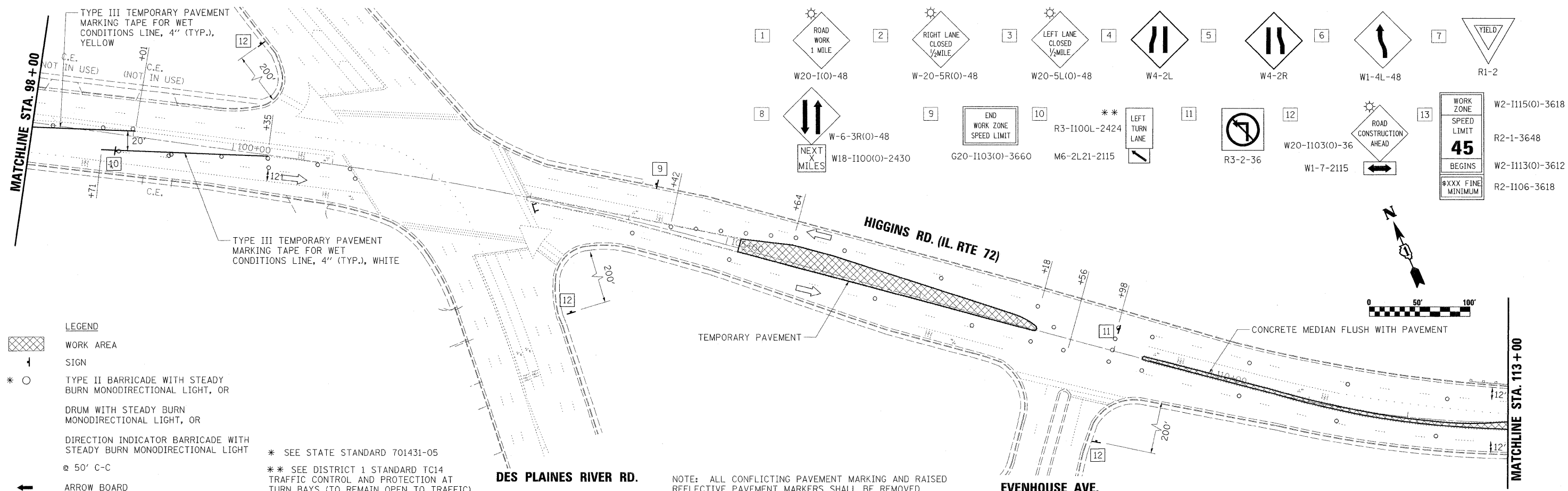
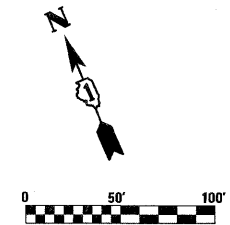
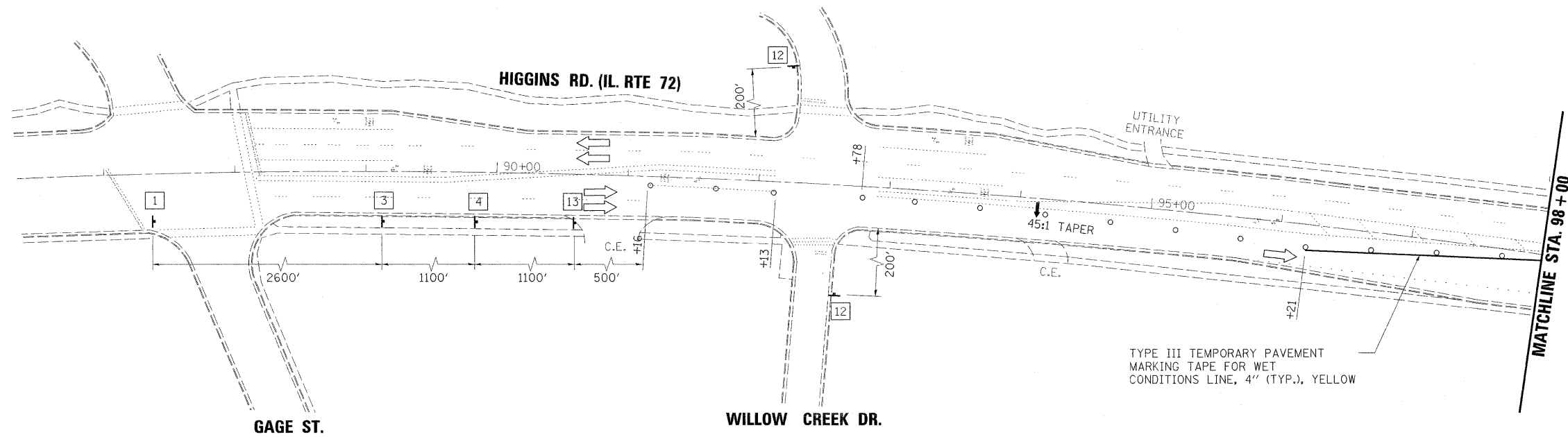
LEGEND

- ① TYPE III TEMPORARY PAVEMENT MARKING TAPE, FOR WET CONDITIONS, 4" SOLID YELLOW LINE (TYP)
- ② TYPE III TEMPORARY PAVEMENT MARKING TAPE, FOR WET CONDITIONS, 4" DOUBLE YELLOW LINE @ 11" O.C. (TYP)
STA. 112+80 TO STA. 122+00
FLEXIBLE DELINEATORS
- ③ TYPE III TEMPORARY PAVEMENT MARKING TAPE, FOR WET CONDITIONS, 4" SOLID WHITE LINE (TYP)
- ④ EXISTING PAVEMENT MARKING, 4" SOLID WHITE LINE (TYP)
- ⑤ EXISTING PAVEMENT MARKING, 4" SOLID YELLOW LINE (TYP)
- ⑥ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT

1/28/2010 1:28:52 PM \\s01\proj\1172_MOT_TypSec.dgn
 USER: dweads
 MODEL: TypSec

DESIGNED - MTH	REVISED -
DRAWN - DJW	REVISED -
CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

F.A.U. RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 8
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------------|---|--|------------------|----|--|-------------------------------|----|--|---------|----|--|-----------------------------|----|--|---|---|--|------|
| 1 | | W20-1(O)-48 | 2 | | W-20-5R(O)-48 | 3 | | W20-5L(O)-48 | 4 | | W4-2L | 5 | | W4-2R | 6 | | W1-4L-48 | 7 | | R1-2 |
| 8 | | W-6-3R(O)-48
W18-1100(O)-2430 | 9 | | G20-1103(O)-3660 | 10 | | R3-1100L-2424
M6-2L21-2115 | 11 | | R3-2-36 | 12 | | W20-1103(O)-36
W1-7-2115 | 13 | | W2-1115(O)-3618
R2-1-3648
W2-1113(O)-3612
R2-1106-3618 | | | |

- LEGEND**
- WORK AREA
 - SIGN
 - * TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - 50' C-C
 - ARROW BOARD

* SEE STATE STANDARD 701431-05
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED

PLOT DATE = 1/29/2010
 PLOT SCALE = 1"=50'
 USER NAME = dshabib
 MODEL = Pre-Stage-1

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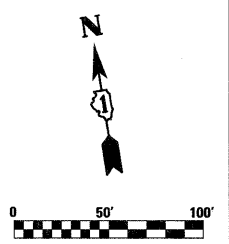
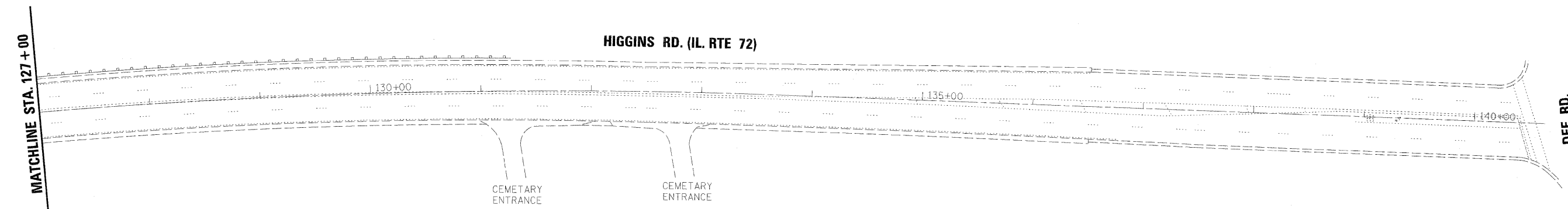
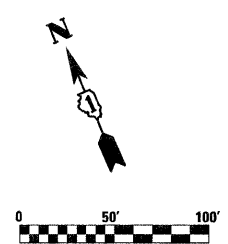
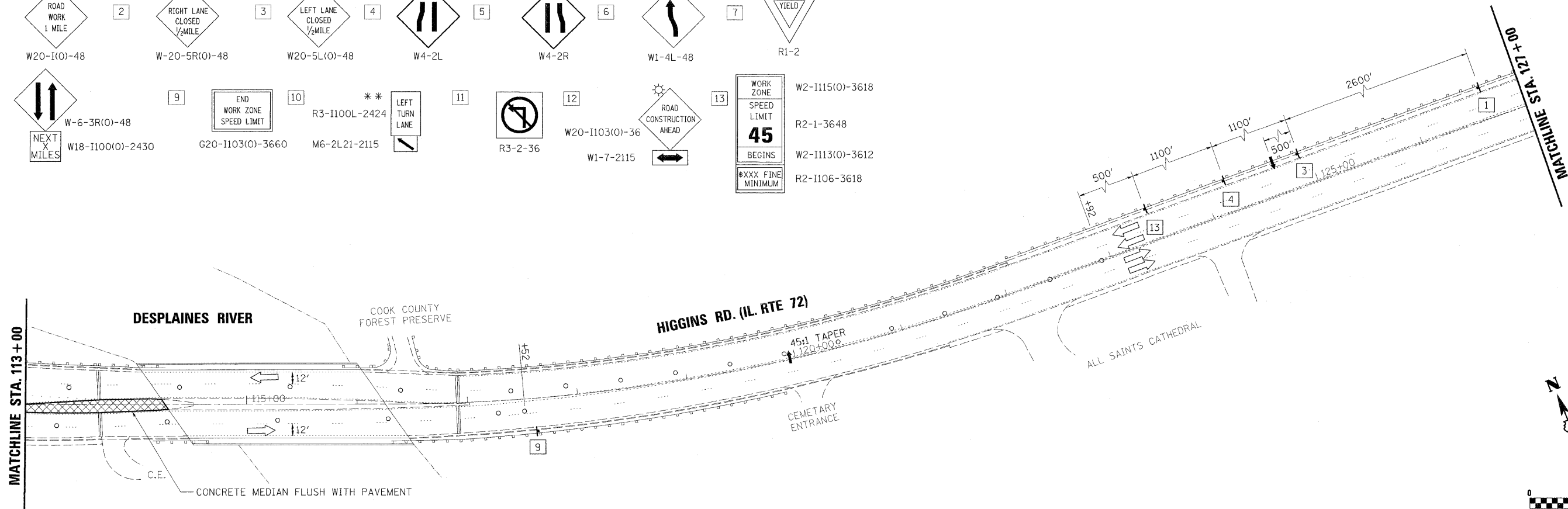
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-72 OVER DESPLAINES RIVER
SN 016-0665
 SCALE: 1"=50' SHEET NO. 9 OF 33 SHEETS

MAINTENANCE OF TRAFFIC
PRE-STAGE

F.A.U. RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 9
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- 1 ROAD WORK 1 MILE W20-I(O)-48
- 2 RIGHT LANE CLOSED 1/2 MILE W-20-5R(O)-48
- 3 LEFT LANE CLOSED 1/2 MILE W20-5L(O)-48
- 4 W4-2L
- 5 W4-2R
- 6 W1-4L-48
- 7 R1-2
- 8 NEXT X MILES W-6-3R(O)-48
- 9 END WORK ZONE SPEED LIMIT W18-I100(O)-2430
- 10 R3-I100L-2424 **
- 11 LEFT TURN LANE M6-2L21-2115
- 12 R3-2-36
- 13 ROAD CONSTRUCTION AHEAD W20-I103(O)-36 W1-7-2115
- WORK ZONE SPEED LIMIT 45 W2-II15(O)-3618
- R2-1-3648
- W2-II13(O)-3612
- R2-II06-3618



- LEGEND**
- WORK AREA
 - SIGN
 - * TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - ⊙ 50' C-C
 - ARROW BOARD

* SEE STATE STANDARD 701431-05
 ** SEE DISTRICT 1 STANDARD TC14
 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED

1/28/2010 12:25:37 PM
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 USER NAME: jngroup
 MODEL: Pre-Stage-2



200 West Front Street
 Wheaton, IL 60187

DESIGNED - MTH	REVISED -
DRAWN - DJW	REVISED -
CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

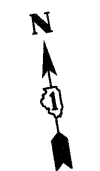
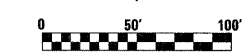
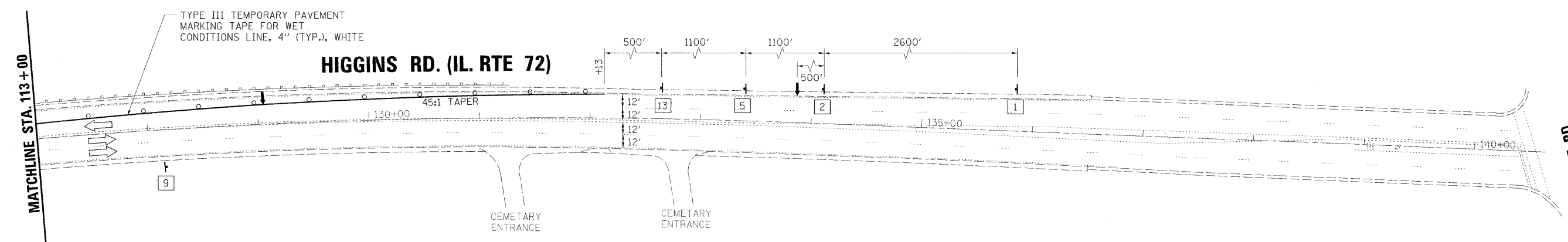
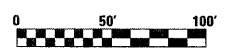
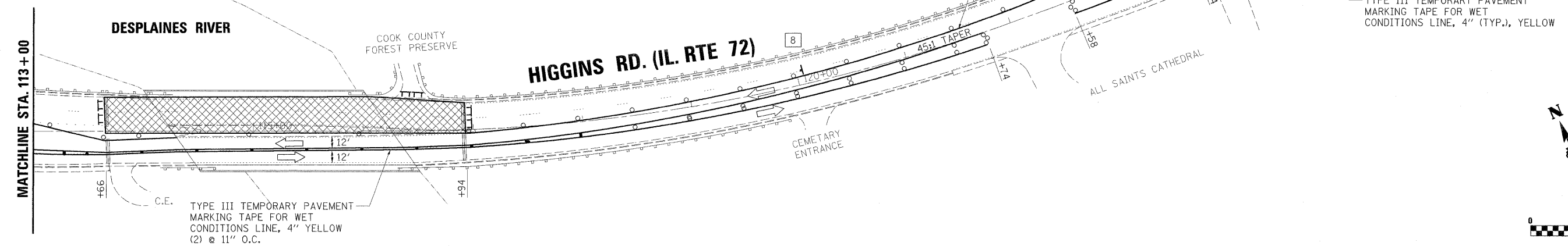
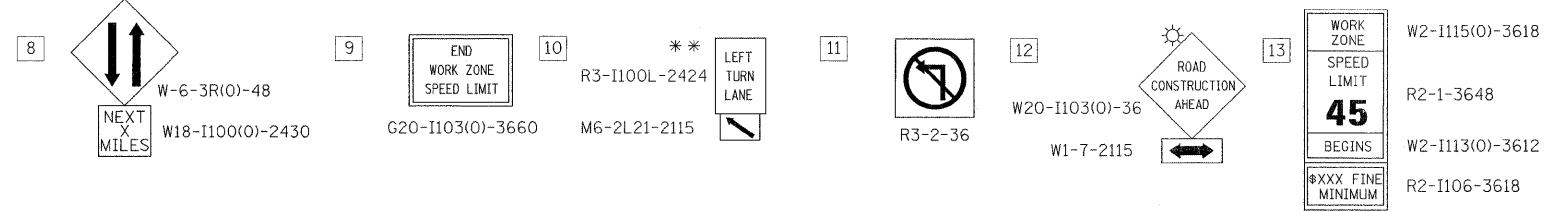
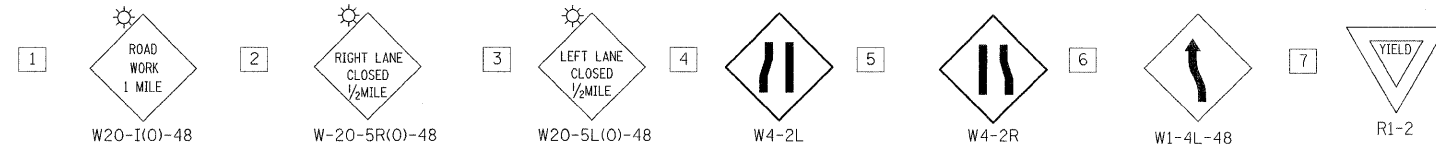
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-72 OVER DESPLAINES RIVER
SN 016-0665

MAINTENANCE OF TRAFFIC
PRE-STAGE

F.A.U. RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 10
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 10 OF 33 SHEETS STA. 113+00 TO STA. 140+00



- LEGEND**
- WORK AREA
 - SIGN
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - 50' C-C
 - ARROW BOARD

* SEE STATE STANDARD 701431-05
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED

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CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

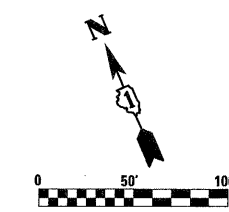
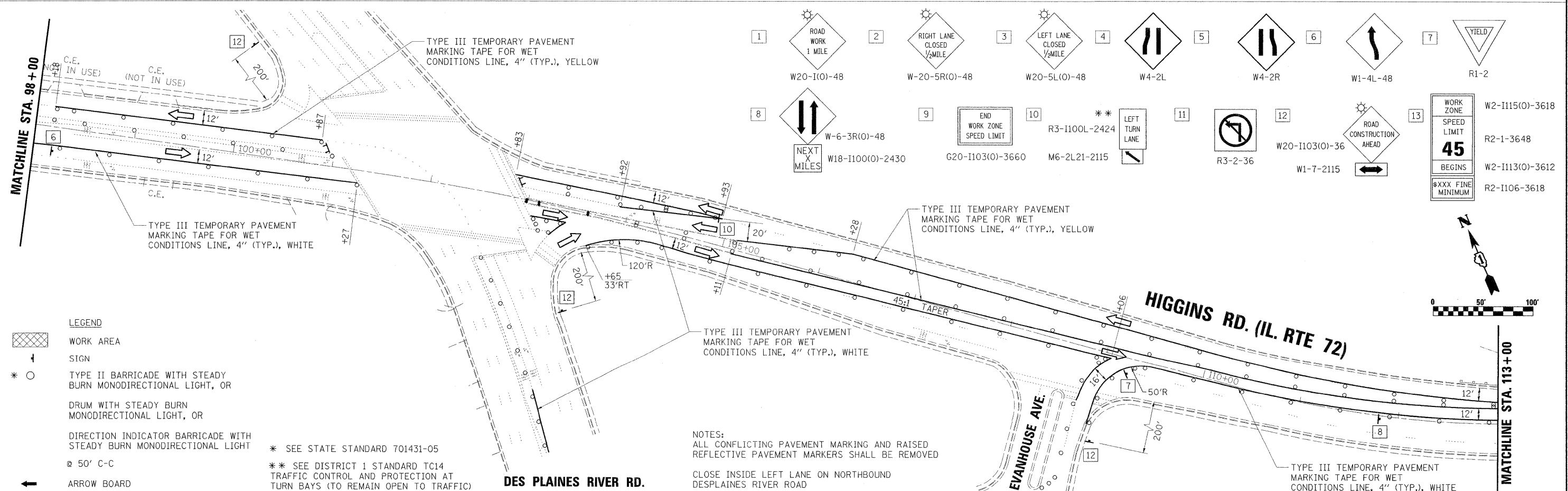
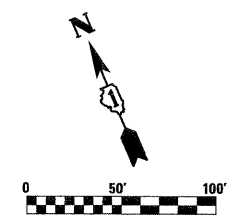
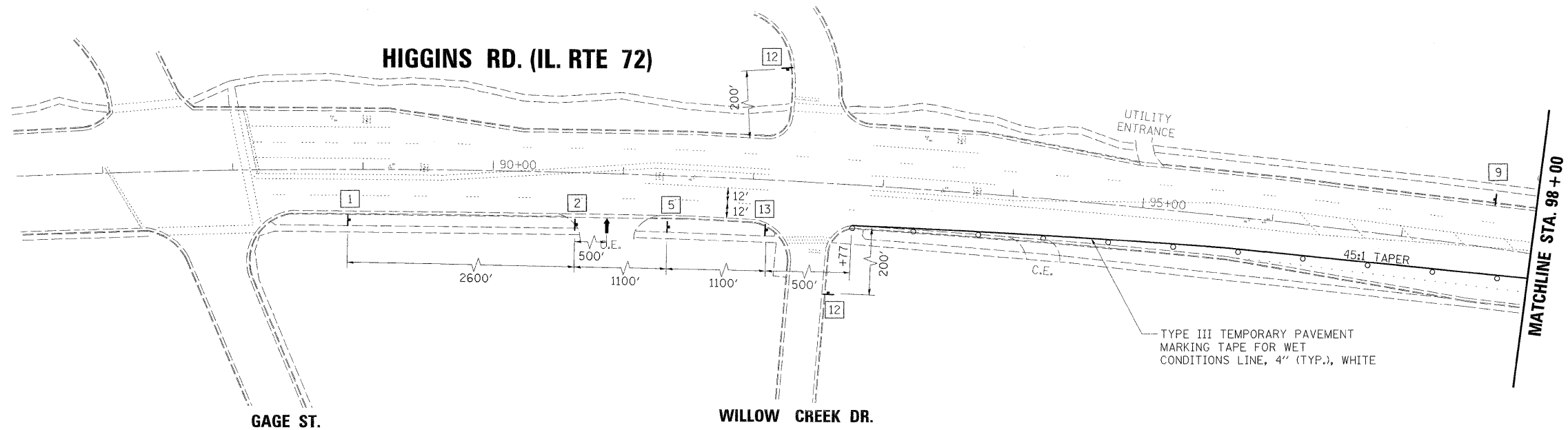
**IL-72 OVER DESPLAINES RIVER
 SN 016-0665**

**MAINTENANCE OF TRAFFIC
 STAGE I**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1350	1292-I	COOK	33	12
CONTRACT NO. 60J57				

SCALE: 1"=50' SHEET NO. 12 OF 33 SHEETS STA. 113+00 TO STA. 40+00 FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT

PLOT DATE = 1/28/2010
 PLOT SCALE = 1:100
 USER NAME = dchadwick
 MODEL = Stage 1-2



LEGEND

▨ WORK AREA

↑ SIGN

* ○ TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

⊕ 50' C-C

← ARROW BOARD

* SEE STATE STANDARD 701431-05

** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTES:

ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED

CLOSE INSIDE LEFT LANE ON NORTHBOUND DESPLAINES RIVER ROAD

1/28/2010 11:28:37 AM
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 mak
 Stage II-1

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200 West Front Street
 Wheaton, IL 60187

DESIGNED - MTH	REVISED -
DRAWN - DJW	REVISED -
CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

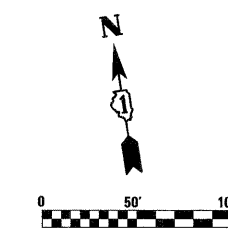
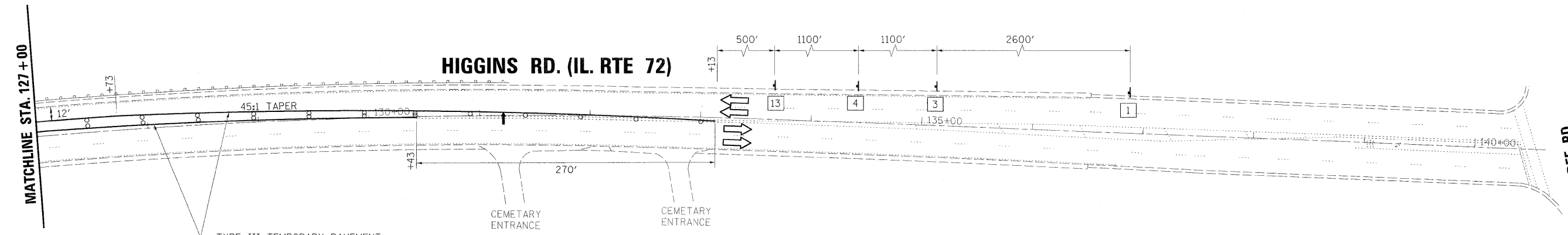
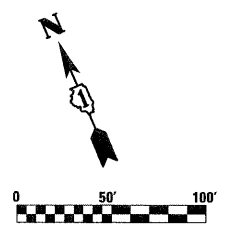
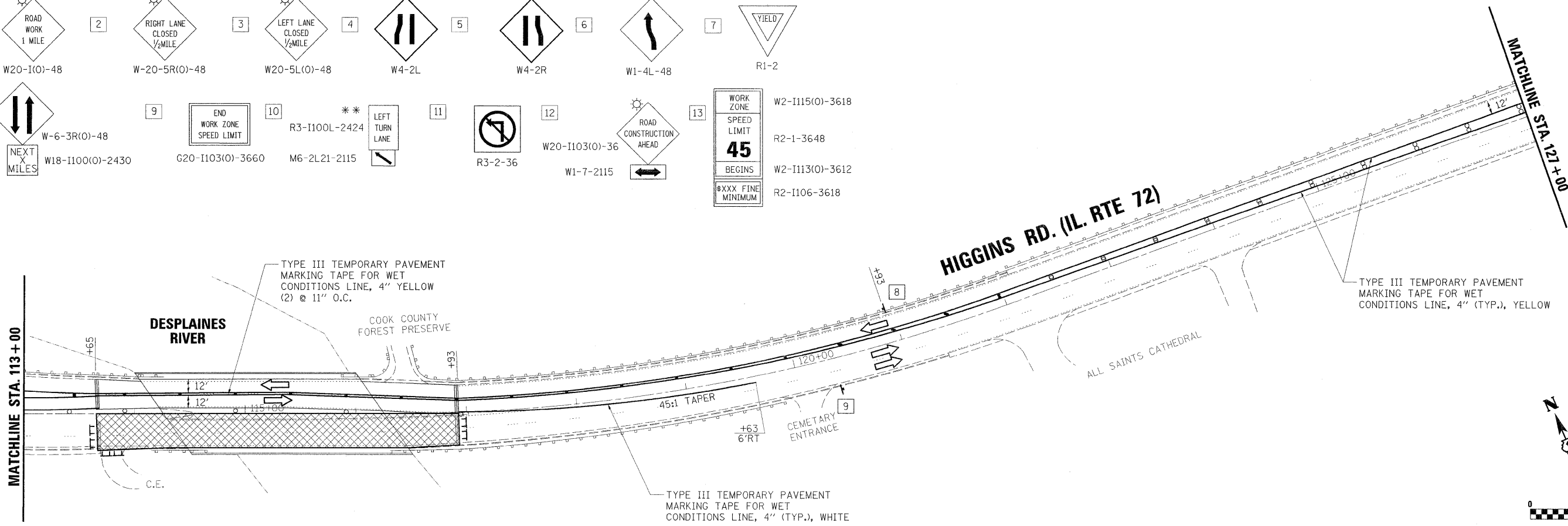
IL-72 OVER DESPLAINES RIVER
SN 016-0665

MAINTENANCE OF TRAFFIC
STAGE II

F.A.I.L. RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 13
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 13 OF 33 SHEETS STA. 87+00 TO STA. 113+00

- 1 ROAD WORK 1 MILE W20-1(O)-48
- 2 RIGHT LANE CLOSED 1/2 MILE W-20-5R(O)-48
- 3 LEFT LANE CLOSED 1/2 MILE W20-5L(O)-48
- 4
- 5
- 6
- 7
- 8
- 9 END WORK ZONE SPEED LIMIT G20-1103(O)-3660
- 10 R3-1100L-2424
- 11 LEFT TURN LANE M6-2L21-2115
- 12 R3-2-36
- 13 ROAD CONSTRUCTION AHEAD W1-7-2115
- WORK ZONE SPEED LIMIT 45 BEGINS W2-1115(O)-3618
- WORK ZONE SPEED LIMIT 45 BEGINS W2-1113(O)-3612
- WORK ZONE SPEED LIMIT 45 BEGINS W2-1106-3618



- LEGEND**
- WORK AREA
 - SIGN
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - 50' C-C
 - ARROW BOARD
 - * SEE STATE STANDARD 701431-05
 - ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED

PLOT DATE = 1/28/2010
 PLOT SCALE = 1/80
 USER NAME = dhwad
 MODEL = Stage II-2



200 West Front Street
Wheaton, IL 60187

DESIGNED - MTH	REVISED -
DRAWN - DJW	REVISED -
CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

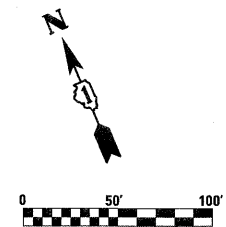
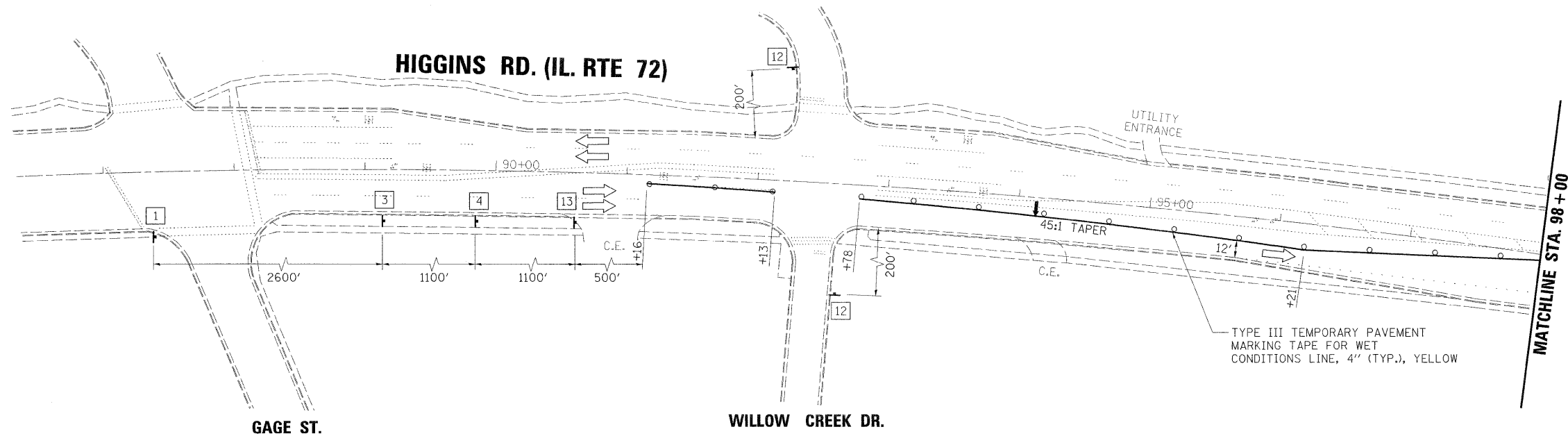
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL-72 OVER DESPLAINES RIVER
SN 016-0665**

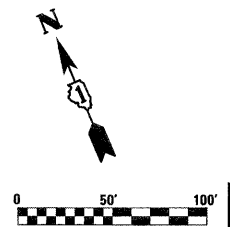
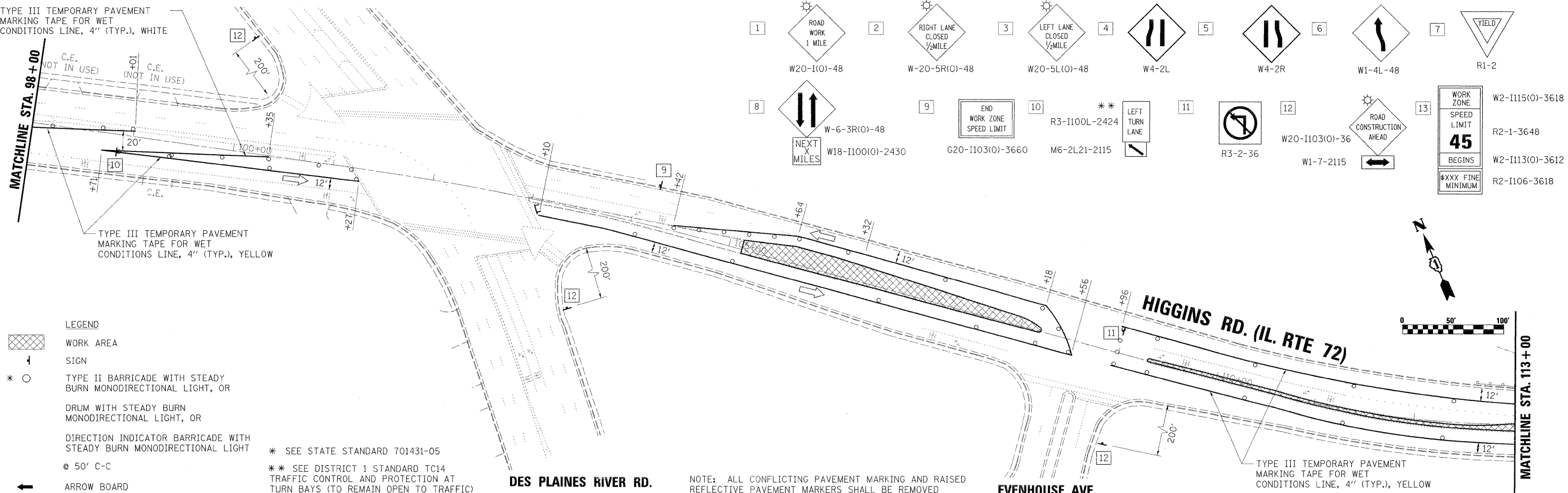
**MAINTENANCE OF TRAFFIC
STAGE II**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1350	1292-I	COOK	33	14
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 14 OF 33 SHEETS STA. 113+00 TO STA. 40+00



TYPE III TEMPORARY PAVEMENT MARKING TAPE FOR WET CONDITIONS LINE, 4" (TYP.), WHITE



- | | | | | | | | | | | | | | | |
|---|----------------------------------|---|------------------|----|--------------|----|---------|----|-----------------------------|----|----------|---|------|--|
| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | |
| | W20-1(0)-48 | | W-20-5R(0)-48 | | W20-5L(0)-48 | | W4-2L | | W4-2R | | W1-4L-48 | | R1-2 | |
| 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | | | |
| | W-6-3R(0)-48
W18-1100(0)-2430 | | G20-1103(0)-3660 | | M6-2L21-2115 | | R3-2-36 | | W20-1103(0)-36
W1-7-2115 | | | | | |

- LEGEND**
- WORK AREA
 - SIGN
 - * TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - ARROW BOARD

* SEE STATE STANDARD 701431-05
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED

PLOT DATE = 1/28/2010
 PLOT SCALE = 1"=50'
 USER NAME = chedias
 MODEL = Stage III-1

rjngroup
 Excellence through Ownership

200 West Front Street
 Wheaton, IL 60187

DESIGNED - MTH	REVISED -
DRAWN - DJW	REVISED -
CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

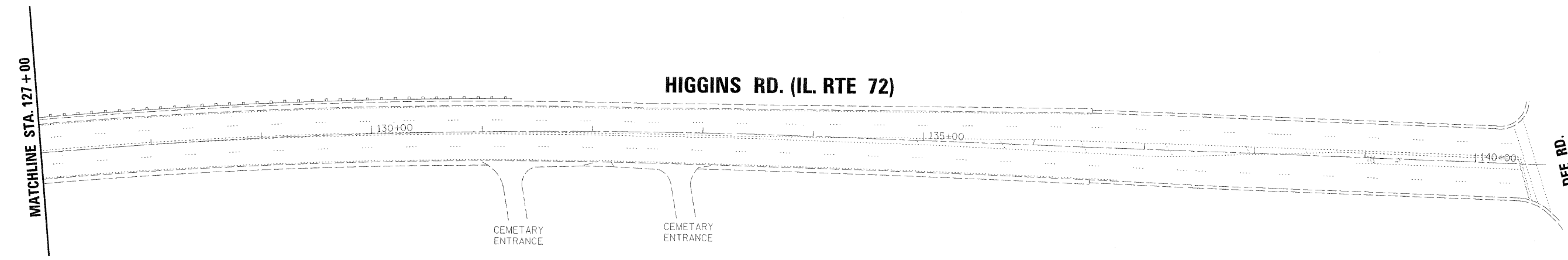
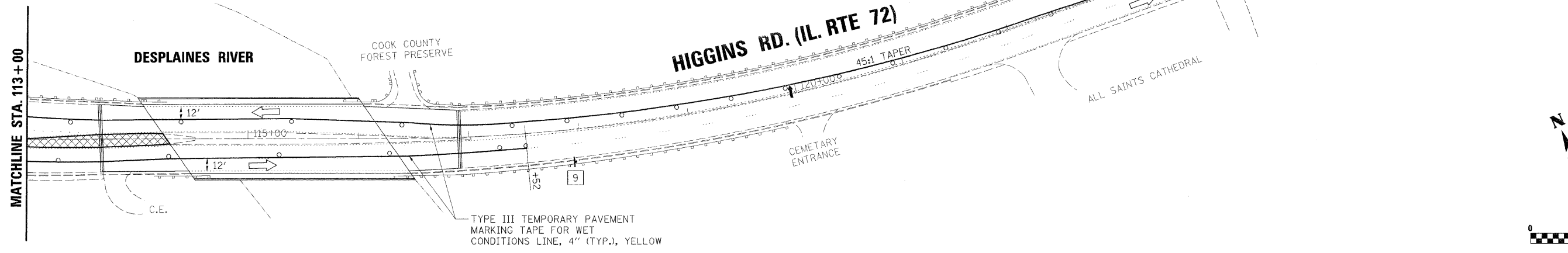
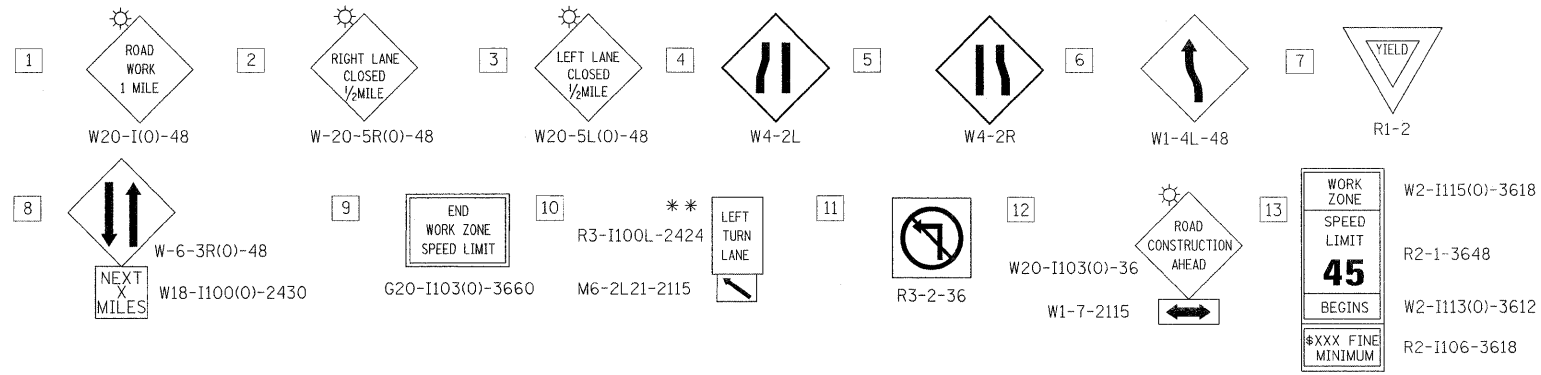
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-72 OVER DESPLAINES RIVER
SN 016-0665

MAINTENANCE OF TRAFFIC
STAGE III

F.A.U. RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 15
CONTRACT NO. 60J57			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

SCALE: 1"=50' SHEET NO. 15 OF 33 SHEETS STA. 87+00 TO STA. 113+00



LEGEND

▨ WORK AREA

↑ SIGN

* ○ TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR

→ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

⊙ 50' C-C

← ARROW BOARD

* SEE STATE STANDARD 701431-05

** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED

PLOT DATE: 1/28/2010
 PLOT SCALE: 1"=50'
 USER NAME: dradas
 MODEL: Stage III-2



200 West Front Street
Wheaton, IL 60187

DESIGNED - MTH	REVISED -
DRAWN - DJW	REVISED -
CHECKED - MAK	REVISED -
DATE - 1/28/2010 6:25:37 PM	REVISED -

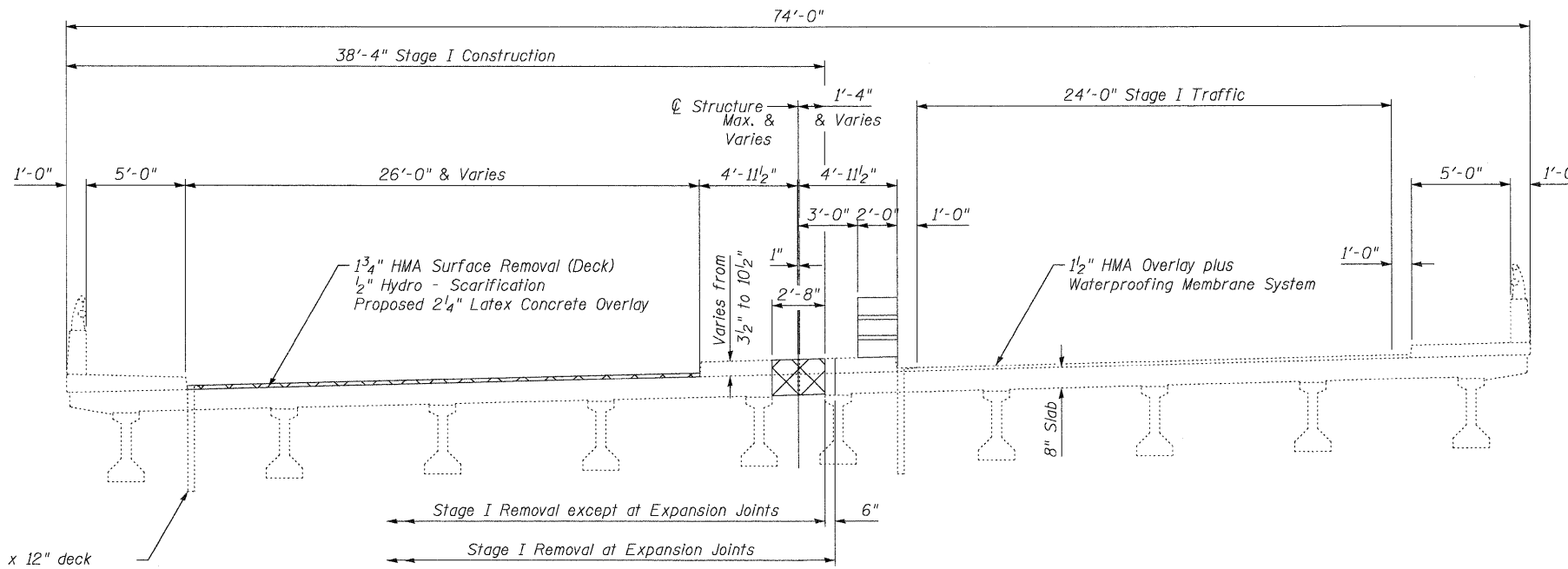
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL-72 OVER DESPLAINES RIVER
SN 016-0665**

**MAINTENANCE OF TRAFFIC
STAGE III**

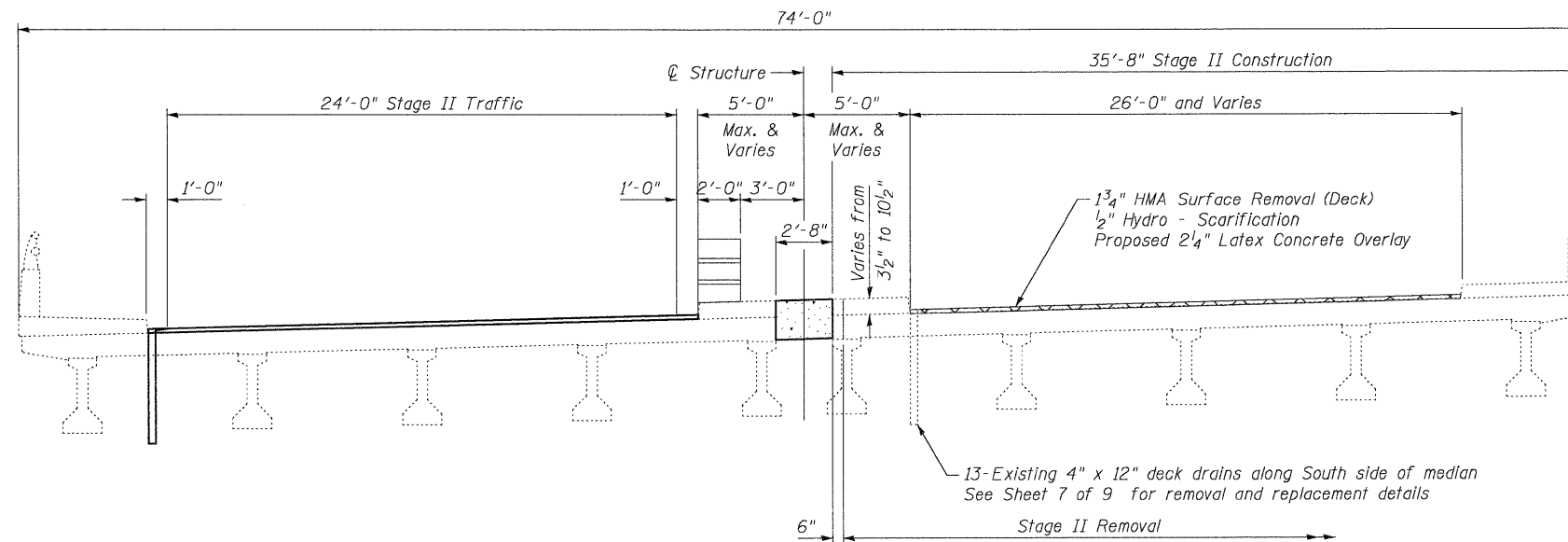
F.A.U. RTE. 1350	SECTION 1292-I	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 16
CONTRACT NO. 60J57				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 16 OF 33 SHEETS STA. 113+00 TO STA. 140+00



STAGE I CROSS SECTION
(Looking East)

16-Existing 4" x 12" deck drains along North sidewalk
See Sheet 7 of 9 for removal and replacement details



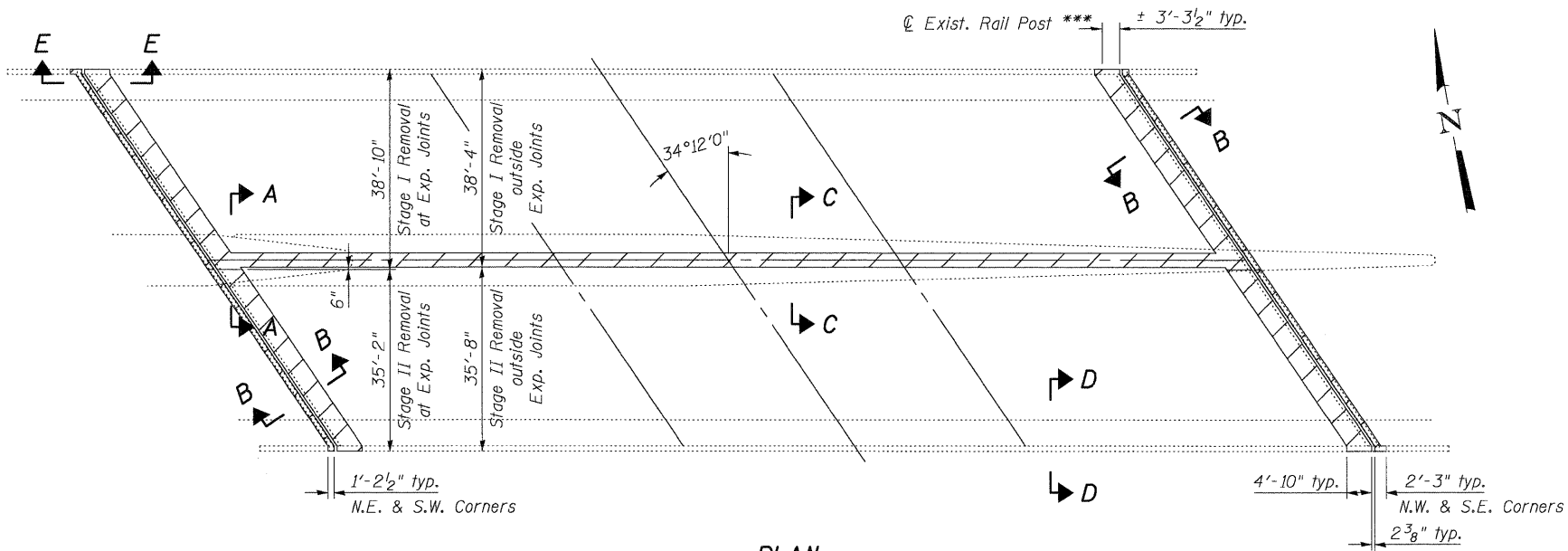
STAGE II CROSS SECTION
(Looking East)

Note:
Cross sections are shown outside expansion joint reconstruction area.
Parapet and deck will be removed full width in expansion joint reconstruction area. See plan on Sheet 3 of 9.
Cross hatched area indicates concrete removal outside expansion joint reconstruction.
See roadway plans for maintenance of traffic details.

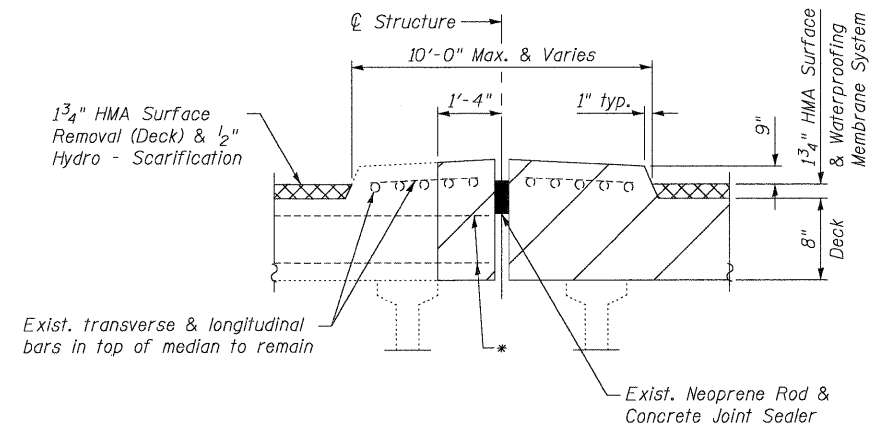
STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 016-0665

PLOT DATE = 02/16/2010
FILE NAME = \\0160665-001\ST-002-stage-construction.dgn
JOB NAME = 11-99514 1' / 1"
USER NAME = GFC

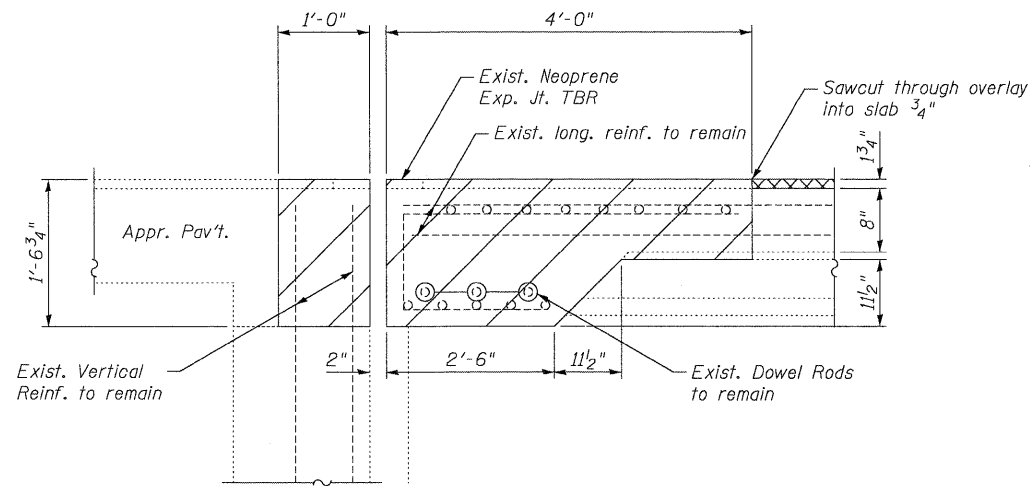
 Coombe-Bloxdorf P.C. -CIVIL ENGINEERS- -STRUCTURAL ENGINEERS- -LAND SURVEYORS- Design Firm License No. 184-002703	PROJECT NO. 07047-22 SCALE DATE DRAWN BY CFC CHECKED BY MCB	SHEET NO. 2 9 SHEETS	F.A.U RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 18
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J57			



PLAN

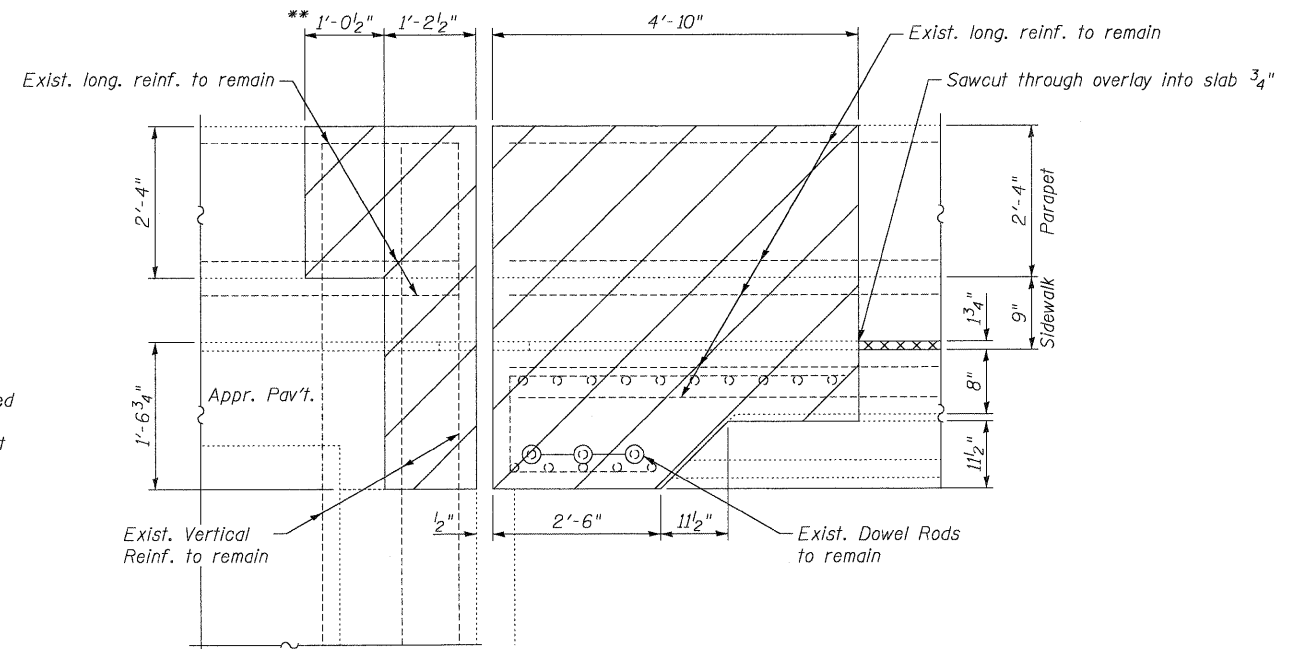


SECTION A-A

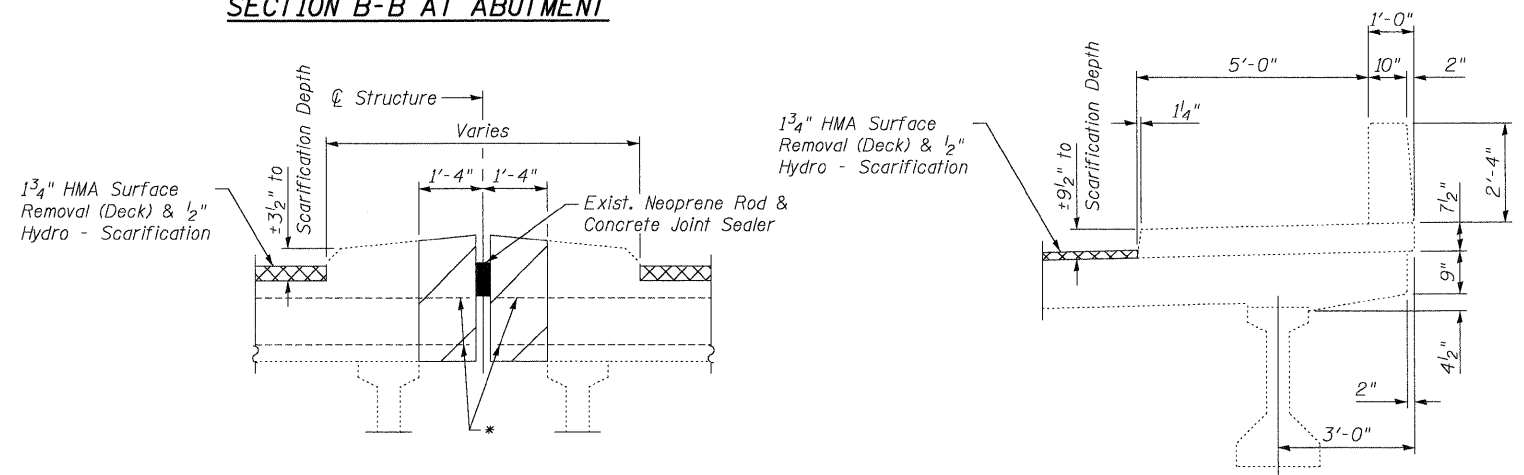


SECTION B-B AT ABUTMENT

- * Existing transverse reinforcement in slab under median to remain.
- ** Additional wing wall parapet removal at N.W. & S.E. Corners.
- *** Existing rail post anchors located within the concrete removal area shall be removed and disposed of. The post shall be disconnected before concrete removal. New anchorage shall be cast into the proposed concrete as shown on sheet 6 of 9. The cost of the materials and labor for disconnection and reattachment of rail post is included with Concrete Removal.



SECTION E-E



SECTION C-C

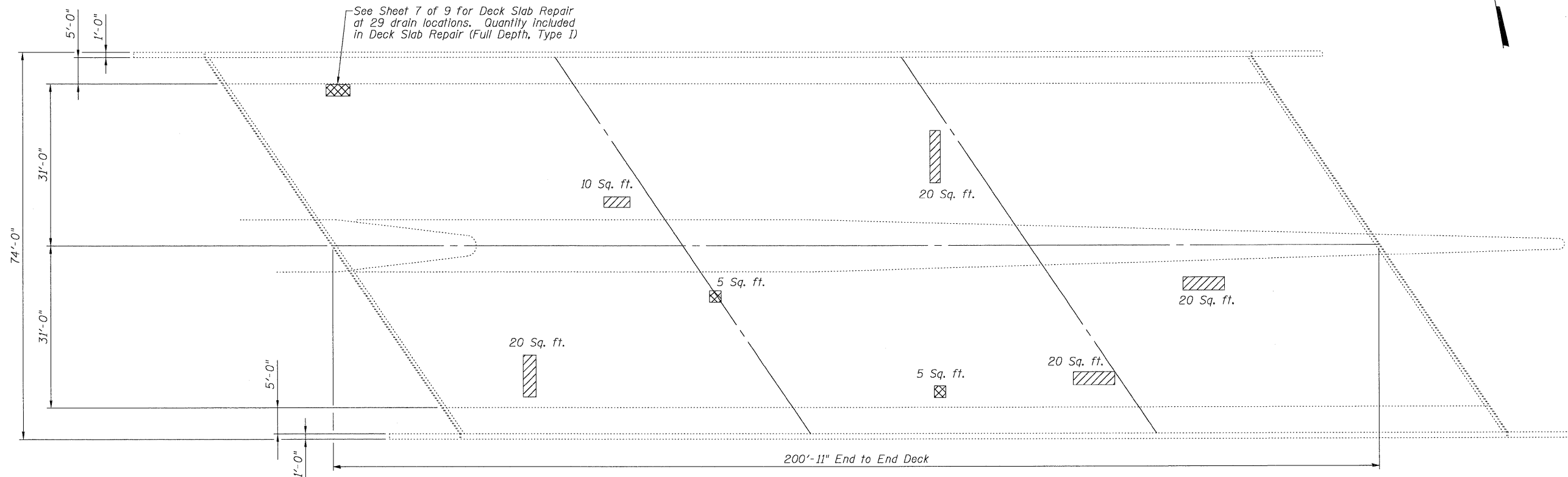
CURB SECTION D-D

- Notes:**
- Hatched areas indicate Concrete Removal.
 - Existing reinforcement bars extending into the concrete removal areas shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
 - Existing reinforcement bars in the concrete removal area parallel to the expansion joints shall be removed.
 - Removal and disposal of the existing Neoprene expansion joints, existing neoprene rod and existing concrete joint sealer, will not be paid for separately, but shall be included with the cost of Concrete Removal.
 - If existing name plate falls within the limits of Concrete Removal, it shall be removed and reinstalled in its original location in accordance with IDOT Std. 515001. Cost included with Concrete Superstructure.

**CONCRETE REMOVAL DETAILS
STRUCTURE NO. 016-0665**

PLOT DATE = 02/16/2010
 FILE NAME = \\s0160665-0157-003-concrete-removal.dgn
 USER NAME = CFC

Coombe-Bloxdorf P.C. - CIVIL ENGINEERS - - STRUCTURAL ENGINEERS - - LAND SURVEYORS - Design Firm License No. 184-002703	PROJECT NO. 07047-22 SCALE DATE / / DESIGN BY MCB DRAWN BY CFC CHECKED BY MCB	SHEET NO. 3 9 SHEETS	F.A.U. RTE. 1350	SECTION 1292-1	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 19
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60J57				



PLAN

LEGEND

- Deck Slab Repair (Full Depth, Type I)
- Deck Slab Repair (Full Depth, Type II)

BILL OF MATERIAL

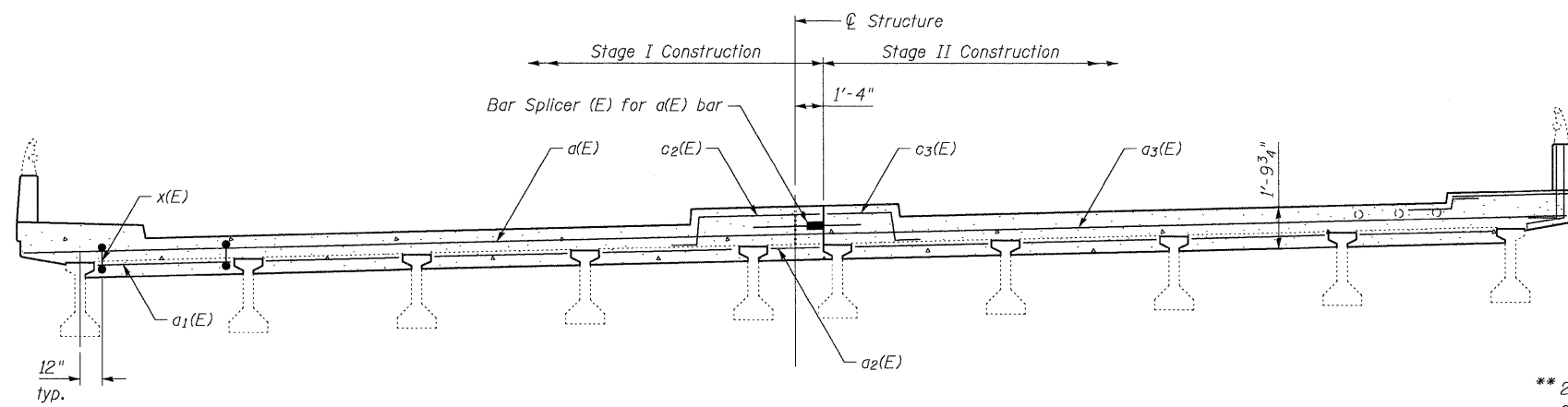
ITEM	UNIT	TOTAL
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	7.5
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	10

Notes:
 The areas of Deck Slab Repair are based on visual inspection completed in Dec. 2009. Actual repair areas and locations shall be determined by the Engineer and Shown on As-Built Plans.

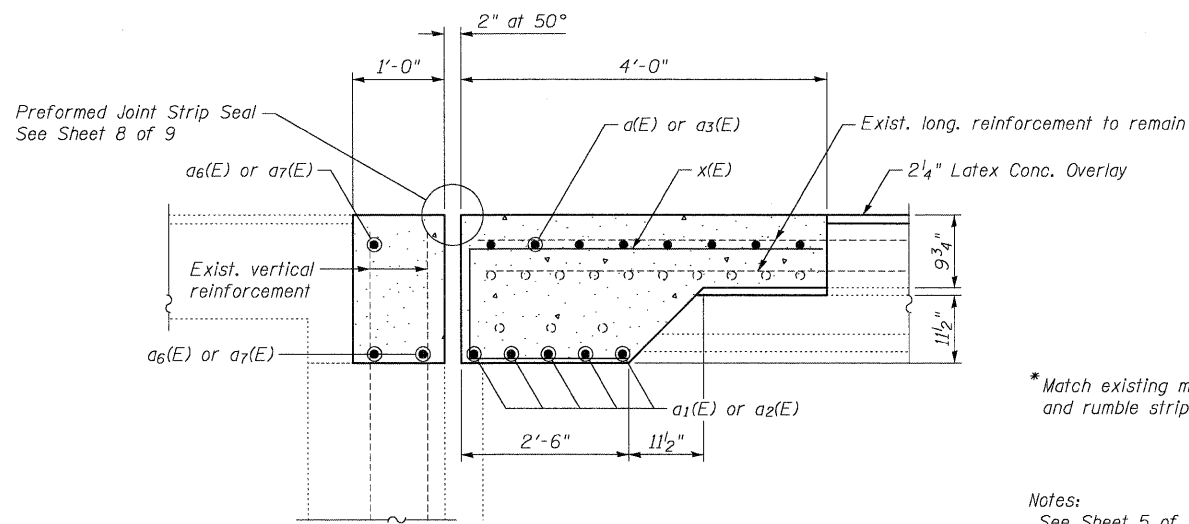
**DECK SLAB REPAIRS
 STRUCTURE NO. 016-0665**

PLOT DATE = 02/16/2010
 FILE NAME = \\0160665-03\7-004-deck-slab-repair\redgn
 USER NAME = CFC

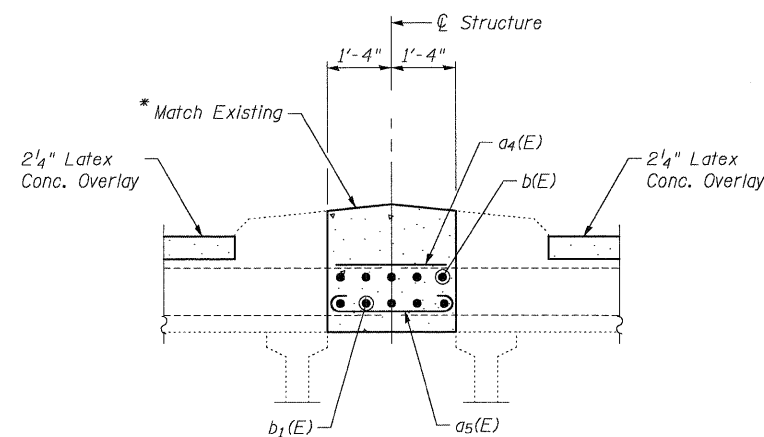
Coombe-Bloxdorf P.C. -CIVIL ENGINEERS- -STRUCTURAL ENGINEERS- -LAND SURVEYORS- Design Firm License No. 184-002703	PROJECT NO. 07047-22	SHEET NO. 4 9 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE		1350	1292-1	COOK	33	20
	DATE		CONTRACT NO. 60J57				
	DESIGN BY MCB DRAWN BY CFC CHECKED BY MCB		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



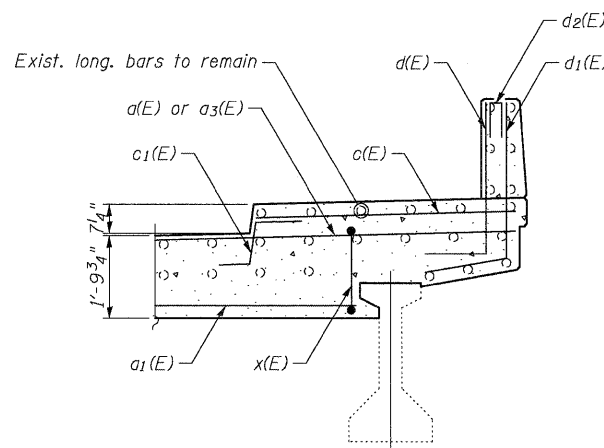
CROSS SECTION AT EXPANSION JOINT
(Looking East)



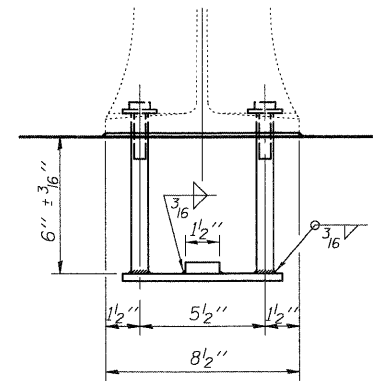
SECTION B-B AT ABUTMENT



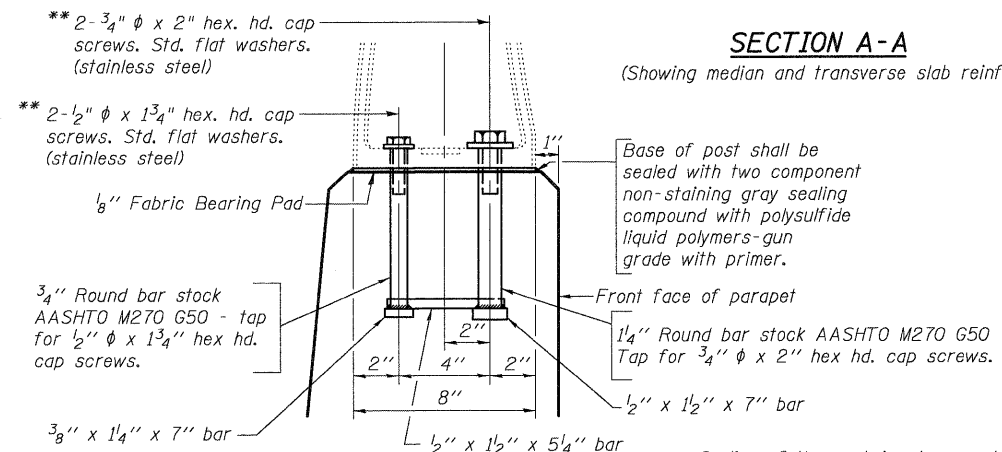
SECTION C-C



CURB SECTION AT EXP. JT.



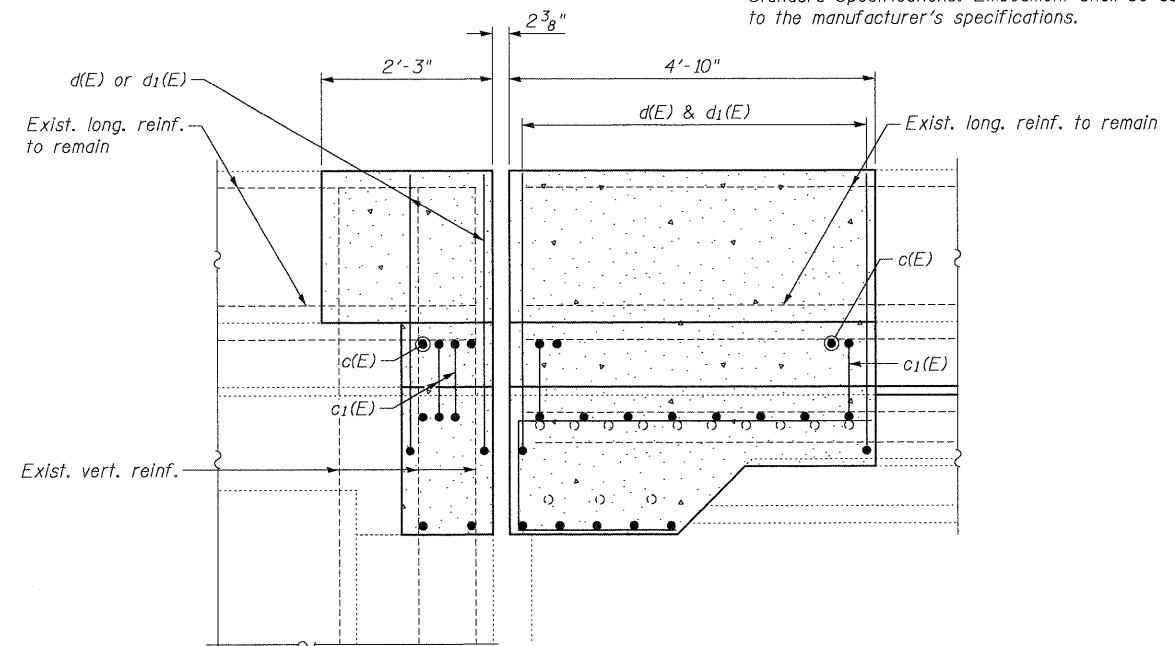
SIDE VIEW



RAIL POST DETAILS

SECTION AT RAIL POST

** In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



SECTION E-E
(Showing parapet & sidewalk)

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 016-0665

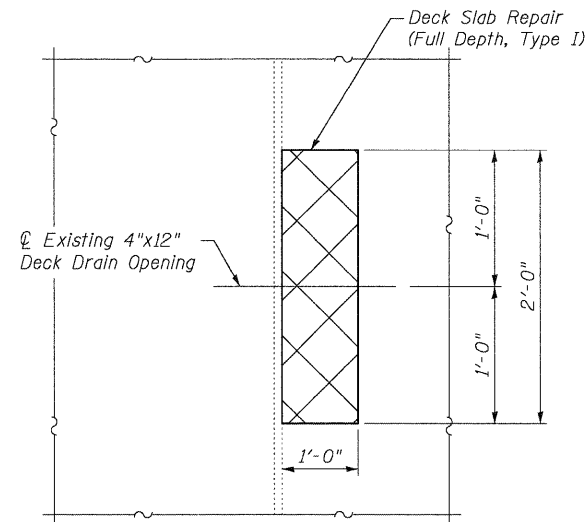
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USER NAME = CFC

CB Coombe-Bloxdorf P.C.
- CIVIL ENGINEERS -
- STRUCTURAL ENGINEERS -
- LAND SURVEYORS -
Design Firm License No. 184-002703

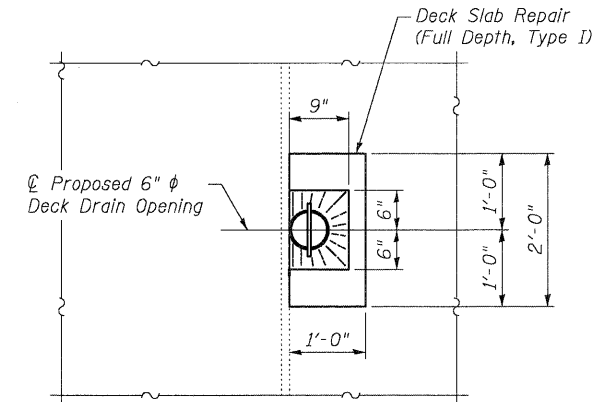
PROJECT NO. 07047-22
SCALE
DATE / /
DESIGN BY MCB
DRAWN BY CFC
CHECKED BY MCB

SHEET NO. 6
9 SHEETS

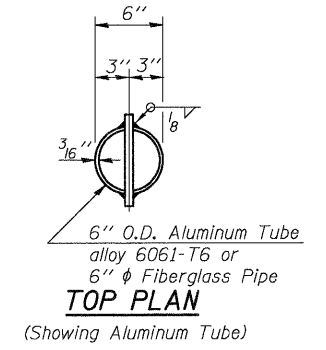
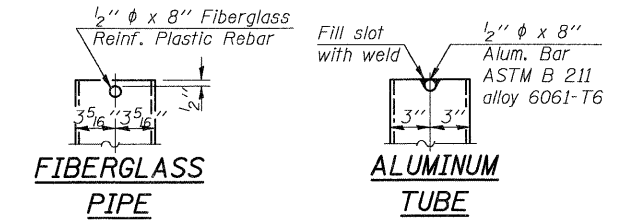
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1350	1292-1	COOK	33	22
CONTRACT NO. 60J57				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



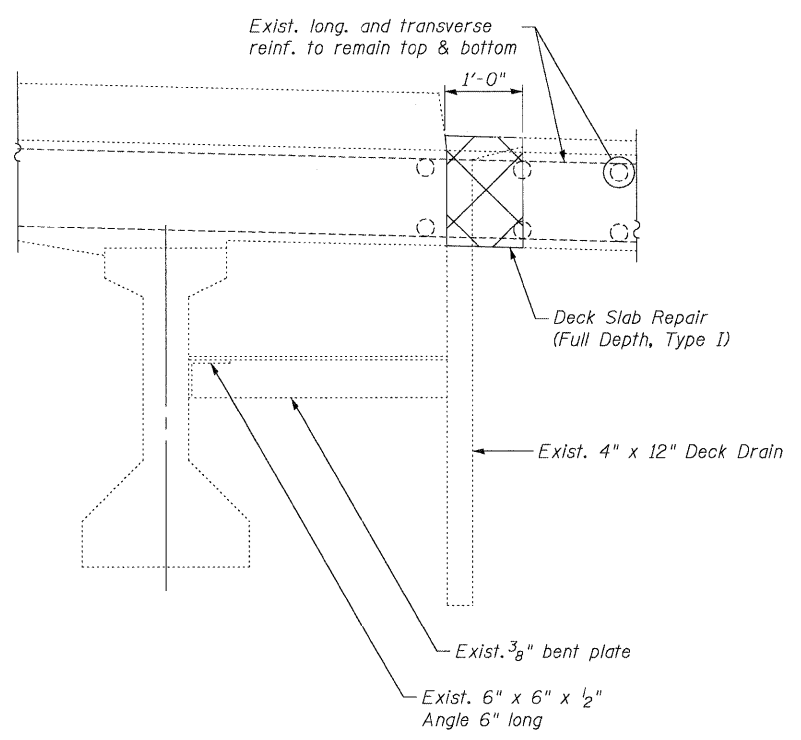
PARTIAL PLAN AT EXISTING DECK DRAINS



PARTIAL PLAN AT PROPOSED DECK DRAINS

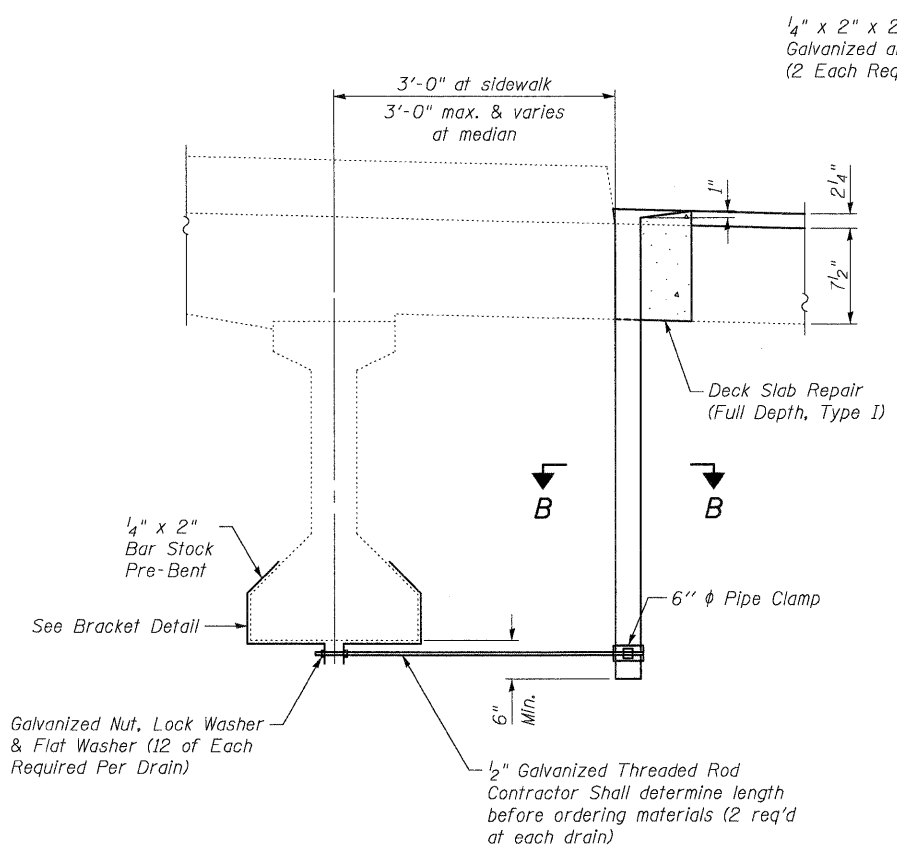


TOP PLAN
(Showing Aluminum Tube)

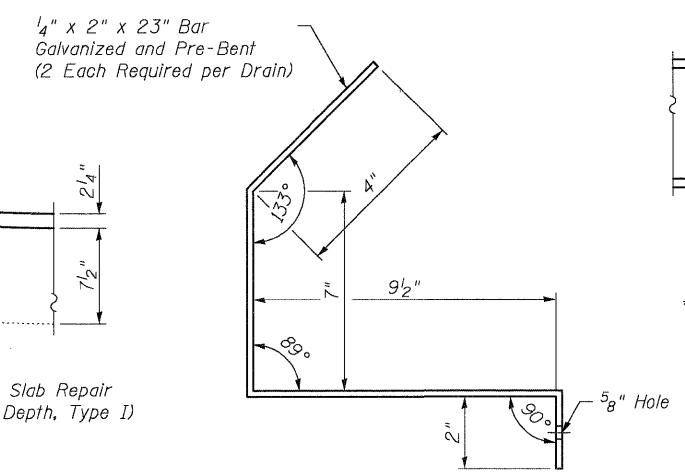


SECTION AT EXISTING DRAIN

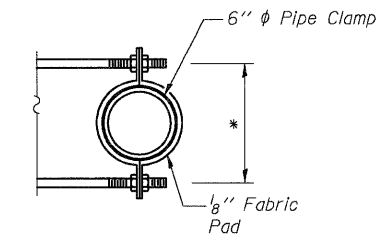
Cross hatched areas indicate Deck Slab Repair (Full Depth, Type I). Remove and dispose of existing 4" x 12" deck drains, 3/8" bent plate and 6" x 6" x 1/2" angle. Cost included with Deck Slab Repair (Full Depth, Type I).



SECTION AT PROPOSED DRAIN



BRACKET DETAIL



SECTION B-B
* Dimension as required by Pipe Clamp

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Floor Drains	Each	29

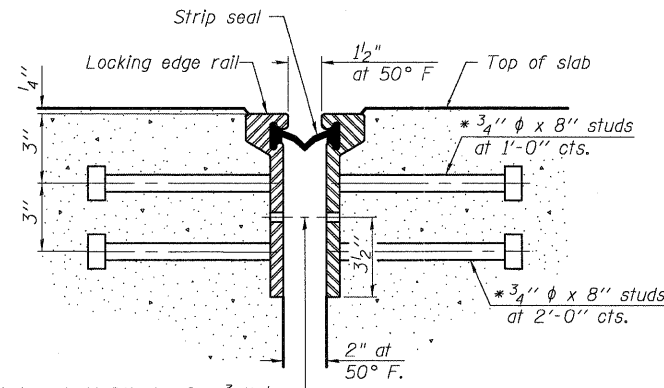
Notes:
Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.
The exterior surfaces of the floor drains shall be coated or pigmented by the manufacturer with a color that matches the concrete.
The clamping device and inserts shall be galvanized according to AASHTO M 232. Cost of clamping device and inserts included with Floor Drains.
Nuts, washers, threaded rods and brackets shall not be paid for separately but shall be included in the cost of Floor Drains.

DRAIN DETAILS
STRUCTURE NO. 016-0665

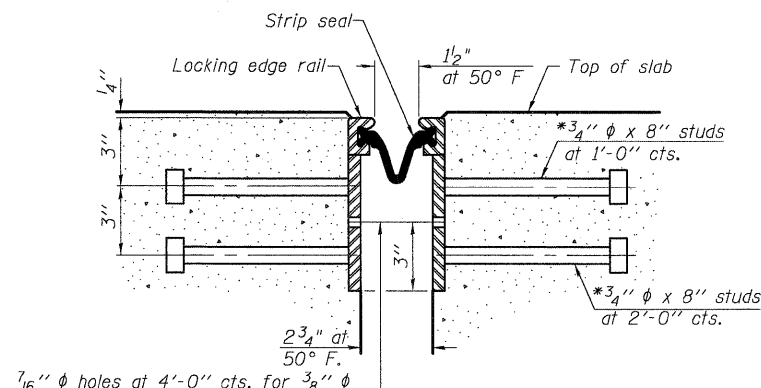
Coombe-Bloxdorf P.C. - CIVIL ENGINEERS - - STRUCTURAL ENGINEERS - - LAND SURVEYORS - Design Firm License No. 184-002703	PROJECT NO. 07047-22 SCALE / / DATE / / DESIGN BY MCB DRAWN BY CFC CHECKED BY MCB	SHEET NO. 7 9 SHEETS	F.A.U. RTE. 1350 SECTION 1292-1 COUNTY COOK CONTRACT NO. 60J57	TOTAL SHEETS 33 SHEET NO. 23
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

PLOT DATE = 02/16/2010
 FILE NAME = \\0160665-60157-001-drain-details.dgn
 USER NAME = CFC

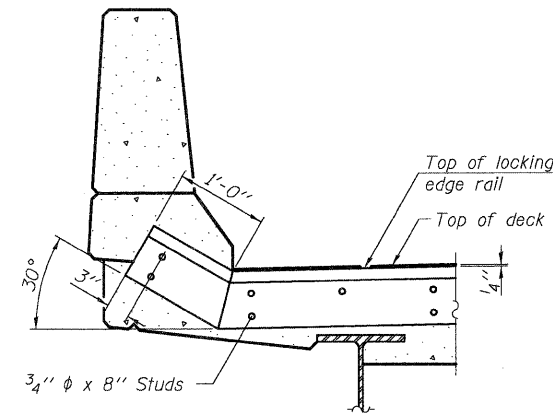
* Granular or solid Flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



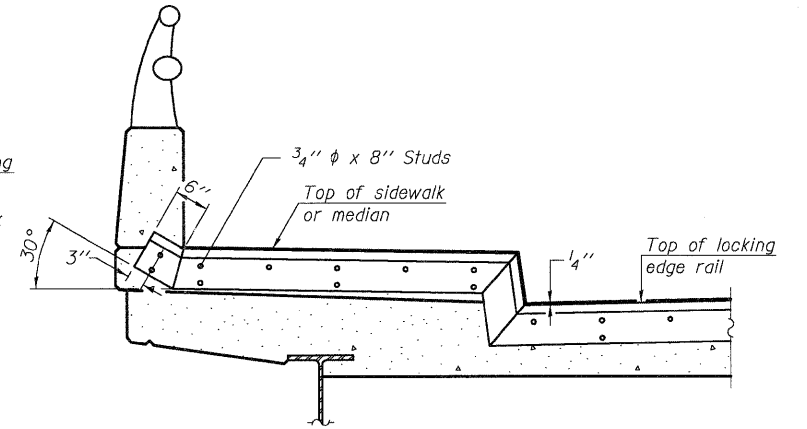
SECTION THRU ROLLED RAIL JOINT



SECTION THRU WELDED RAIL JOINT



AT PARAPET
See Section A-A for end treatment of skews > 30°.

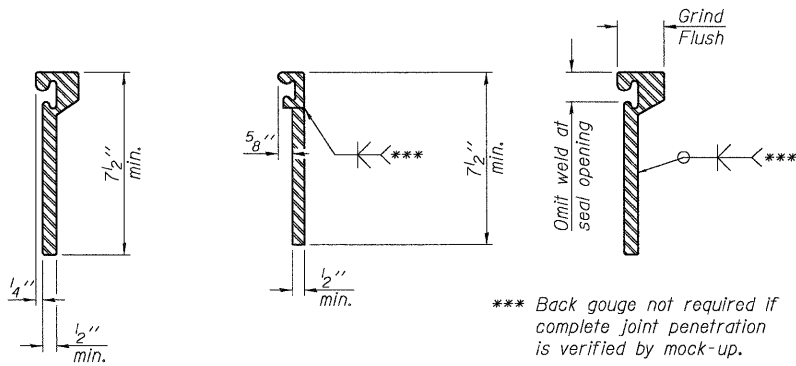


AT SIDEWALK OR MEDIAN
Shorter plates with a single row of studs at 12 inch cts. may be necessary on medians which are shallower than 9°. See manufacturer's recommendation.

7/16 inch diameter holes at 4 foot 0 inch centers for 3/8 inch diameter bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

7/16 inch diameter holes at 4 foot 0 inch centers for 3/8 inch diameter bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

TYPICAL END TREATMENTS



ROLLED EXTRUDED RAIL

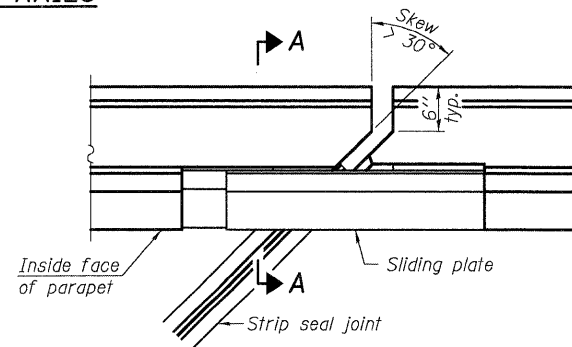
WELDED RAIL

*** Back gouge not required if complete joint penetration is verified by mock-up.

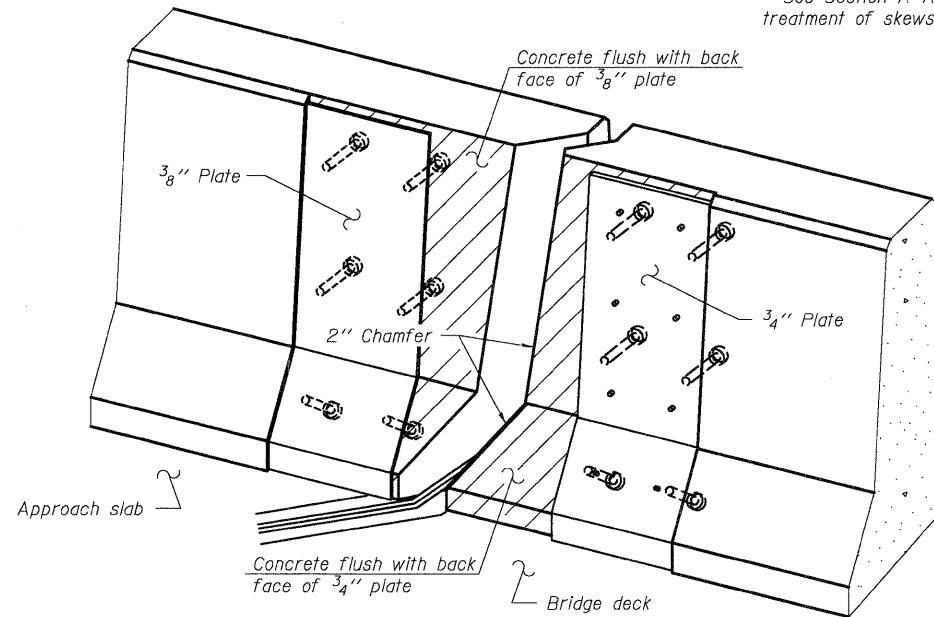
LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

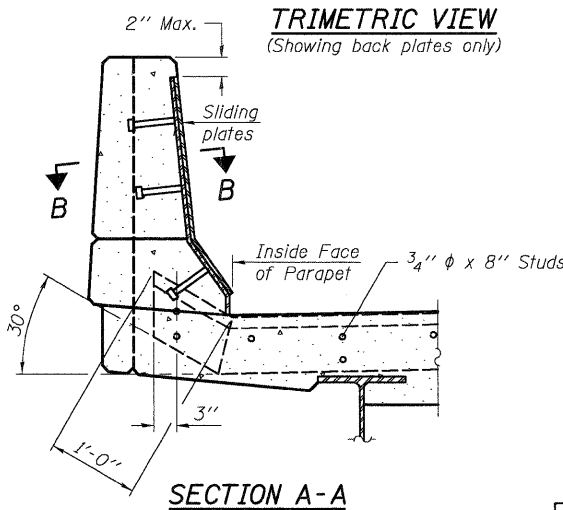
LOCKING EDGE RAILS



PLAN

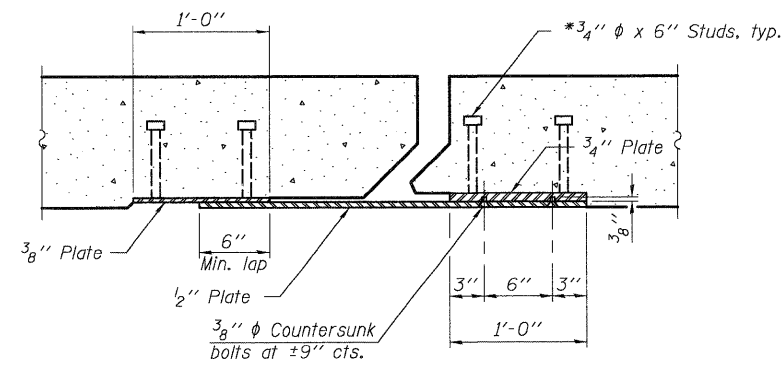


TRIMETRIC VIEW
(Showing back plates only)



SECTION A-A

POINT BLOCK DETAILS
(for skews > 30°)



SECTION B-B

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of 1/4 inch. The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches. The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities. The manufacturer's recommended installation methods shall be followed. The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State. All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications. Maximum space between rail segments at stage lines shall be 3/16 inch, sealed with a suitable sealant.

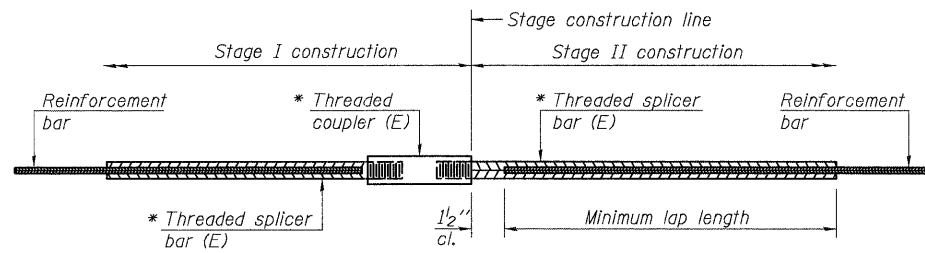
BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	181

PREFORMED JOINT STRIP SEAL STRUCTURE NO. 016-0665

Coombe-Bloxdorf P.C. - CIVIL ENGINEERS - - STRUCTURAL ENGINEERS - - LAND SURVEYORS - Design Firm License No. 184-002703	PROJECT NO. 07047-22 SCALE / / DATE / / DESIGN BY MCB DRAWN BY CFC CHECKED BY MCB	SHEET NO. 8 9 SHEETS	F.A.U. RTE. 1350 SECTION 1292-1 COUNTY COOK CONTRACT NO. 60J57	TOTAL SHEETS 33 SHEET NO. 24
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

PLOT DATE = 02/16/2010
 FILE NAME = \\016665-60J57-008-preformed-joint-strip-seal.dwg
 USER NAME = CPC



STANDARD BAR SPLICER ASSEMBLY

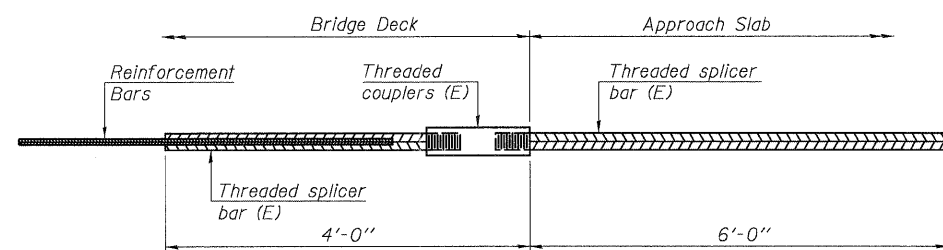
Minimum Lap Lengths				
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4
3, 4	1'-5"	1'-11"	2'-1"	2'-4"
5	1'-9"	2'-5"	2'-7"	2'-11"
6	2'-1"	2'-11"	3'-1"	3'-6"
7	2'-9"	3'-10"	4'-2"	4'-8"
8	3'-8"	5'-1"	5'-5"	6'-2"
9	4'-7"	6'-5"	6'-10"	7'-9"

Table 1: Black bar, 0.8 Class C
 Table 2: Black bar, Top bar lap, 0.8 Class C
 Table 3: Epoxy bar, 0.8 Class C
 Table 4: Epoxy bar, Top bar lap, 0.8 Class C

Threaded splicer bar length = min. lap length + 1/2" + thread length

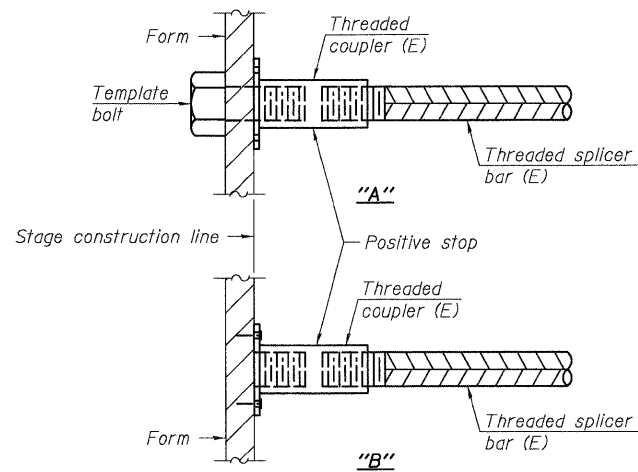
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
Slab at Joints	#7	16	3
Block at Joints	#6	6	4



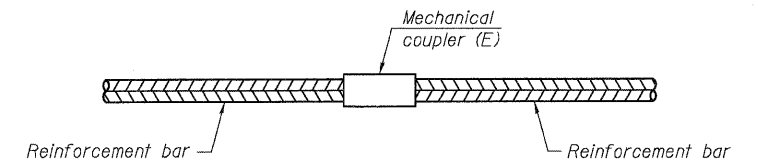
BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =



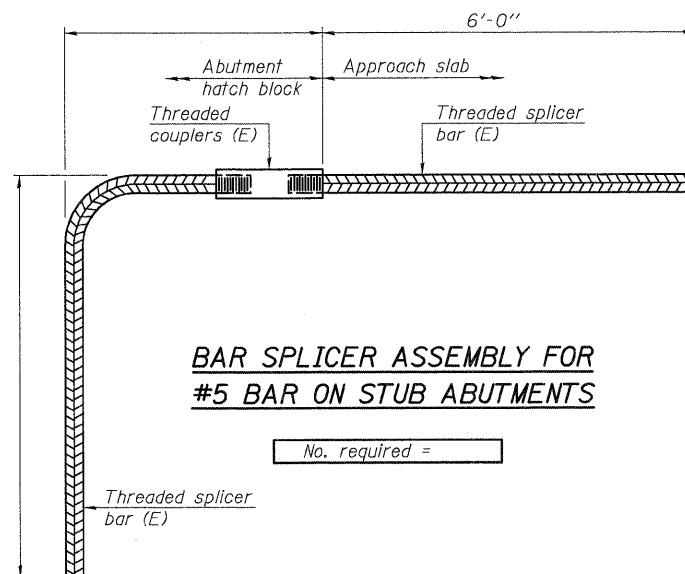
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

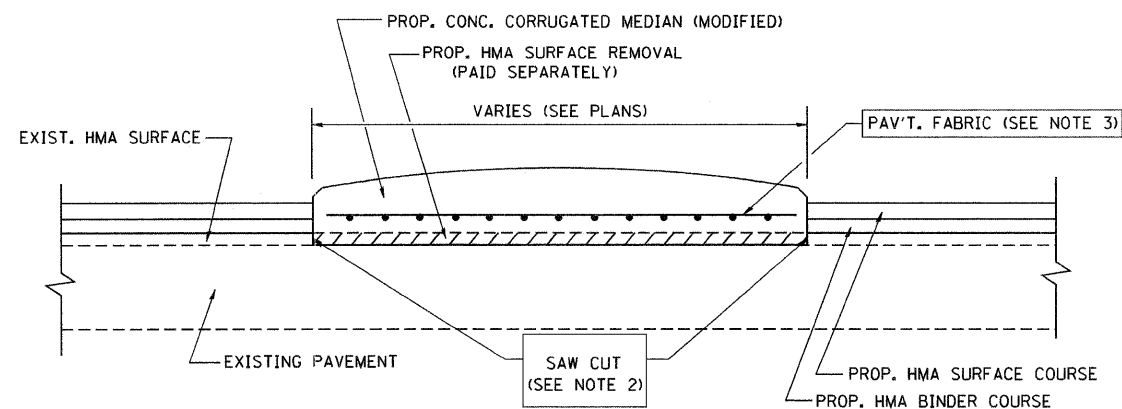
NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See special provision for Mechanical Splicers.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 STRUCTURE NO. 016-0665**

Coombe-Bloxdorf P.C. - CIVIL ENGINEERS - - STRUCTURAL ENGINEERS - - LAND SURVEYORS - Design Firm License No. 184-002703	PROJECT NO. 07047-22 SCALE / / / DATE / / / DESIGN BY MCB DRAWN BY CFC CHECKED BY MCB	SHEET NO. 9 9 SHEETS	F.A.U. RTE. 1350 SECTION 1292-1 COUNTY COOK CONTRACT NO. 60J57	TOTAL SHEETS 33 SHEET NO. 25
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

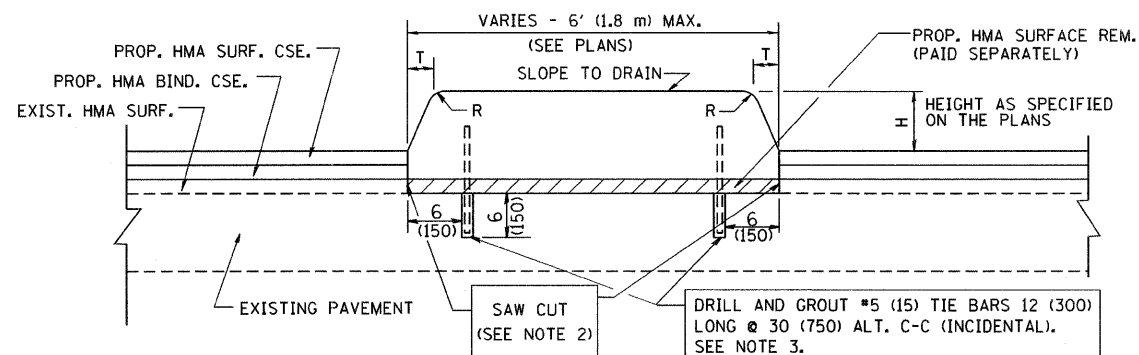
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 USER NAME = GCL



- NOTES:
1. CORRUGATED MEDIAN (MODIFIED) SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE PORTIONS OF STATE STANDARD 606306.
 2. WITH THE APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY DELETE THE SAW CUT IF A NEAT JOINT CAN BE OBTAINED BY MILLING THE HMA SURFACE TO BE REMOVED. SAW CUT WILL BE INCLUDED IN THE COST OF CORRUGATED MEDIAN (MODIFIED)
 3. PAVEMENT FABRIC WILL BE INCLUDED IN THE COST OF CORRUGATED MEDIAN (MODIFIED)

DETAILS FOR CORRUGATED MEDIAN (MODIFIED)

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT (SQUARE METER) FOR "CORRUGATED MEDIAN (MODIFIED)"



- NOTES:
1. CONCRETE MEDIAN TYPE SB (DOWELLED) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STATE STANDARD 606301 AND SECTION 606 OF THE STANDARD SPECIFICATIONS.
 2. WITH THE APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY DELETE THE SAW CUT IF A NEAT JOINT CAN BE OBTAINED BY MILLING THE HMA SURFACE TO BE REMOVED. SAW CUT WILL BE INCLUDED IN THE COST OF "CONCRETE MEDIAN TYPE SB (DOWELLED)"
 3. FOR MEDIAN WIDTH LESS THAN 4' (1.2 m) USE ONE ROW OF #5 (15) BARS @ 30 (750) C-C ALONG THE MEDIAN CENTERLINE. TIE BARS WILL BE INCLUDED IN THE COST OF "CONCRETE MEDIAN TYPE SB (DOWELLED)"

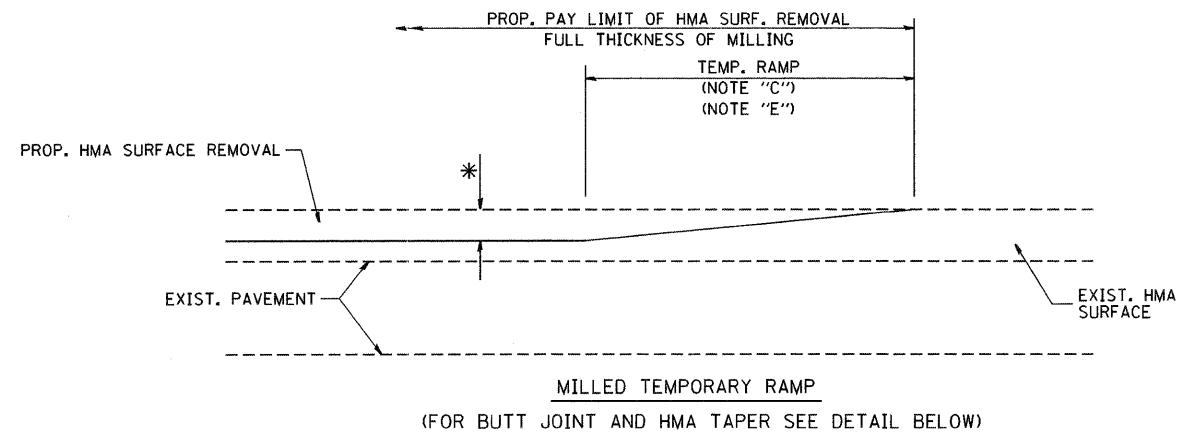
H	R	T
6(150)	1(25)	1(25)
9(225)	1(25)	2(50)

DETAILS FOR CONCRETE MEDIAN TYPE SB (DOWELLED)

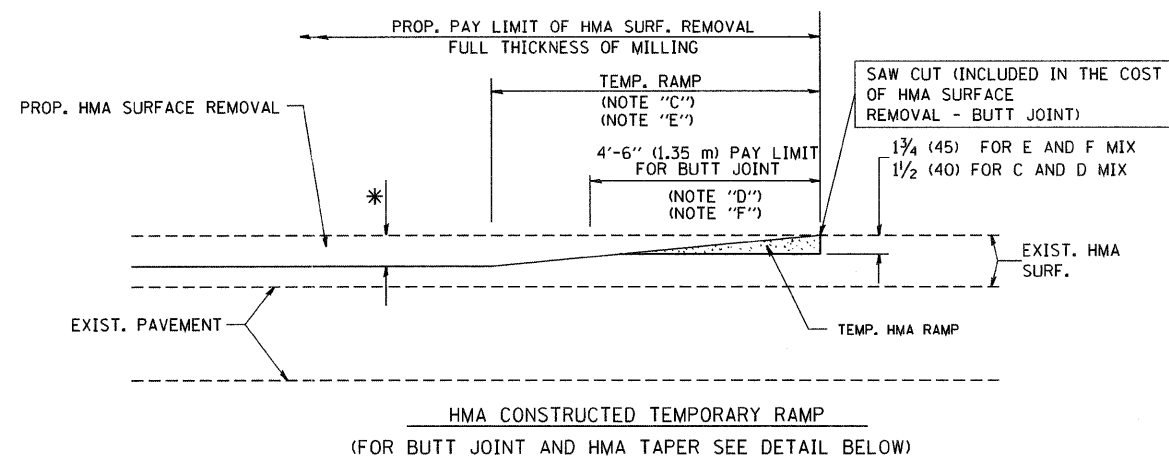
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT (SQUARE METER) FOR "CONCRETE MEDIAN TYPE SB (DOWELLED)"

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

FILE NAME = W:\dststd\22x34\bd05.dgn	USER NAME = goglionob	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR CONCRETE MEDIAN TYPE SB (DOWELLED) CORRUGATED MEDIAN (MODIFIED)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94			1350	1292-I	COOK	33	26
PLOT DATE = 1/4/2008	DATE - 05-14-90	REVISED - E. GOMEZ 08-28-00	REVISED - R. BDRO 01-01-07	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD600-02 (BD-5) CONTRACT NO. 60J57 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

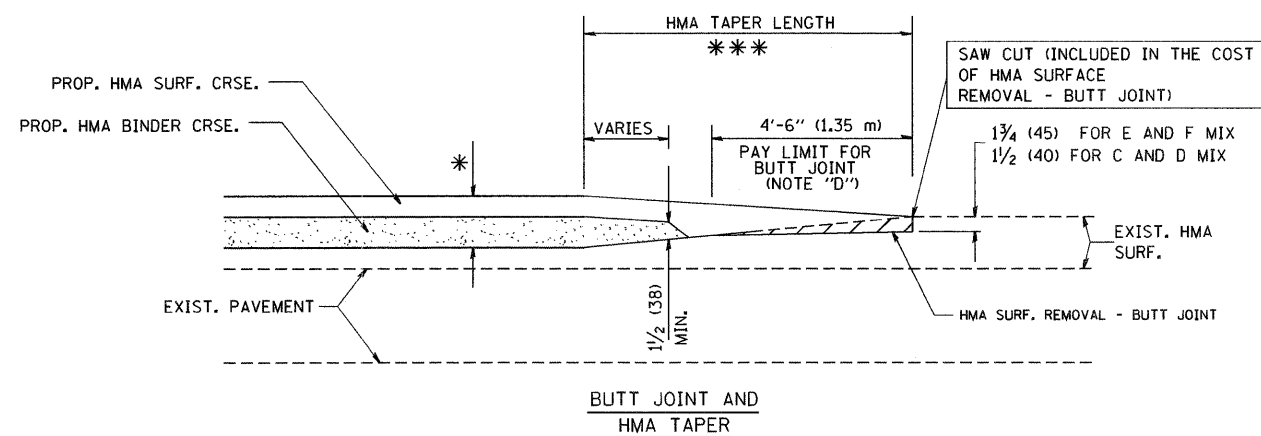


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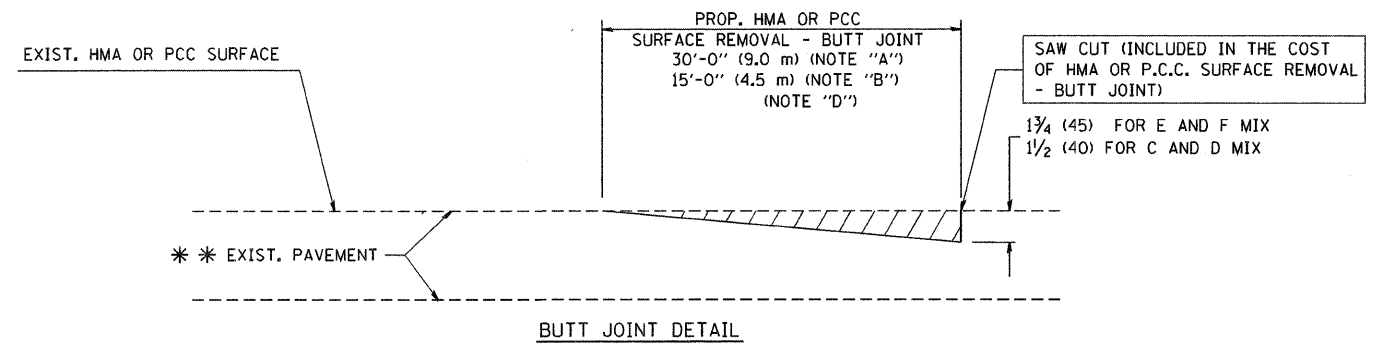


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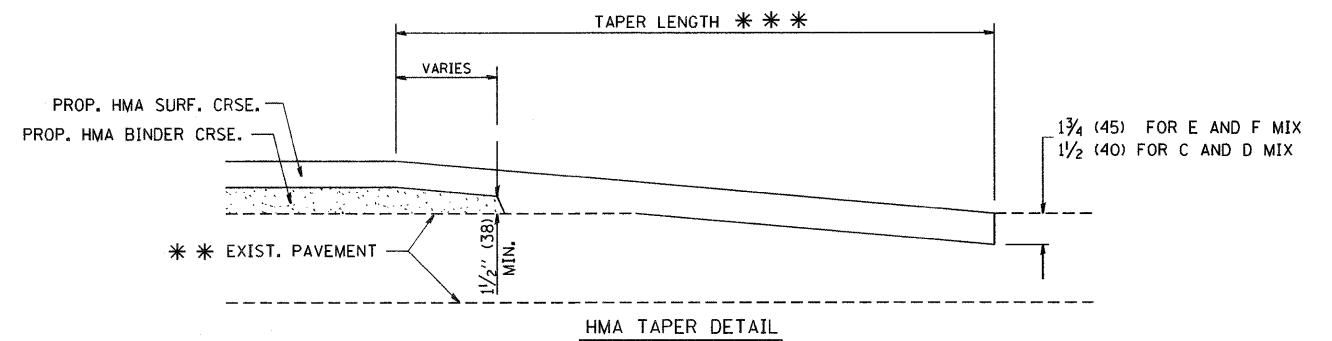
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

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")

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".

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

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DESIGNED - M. DE YONG
 DRAWN -
 CHECKED -
 DATE - 06-13-90

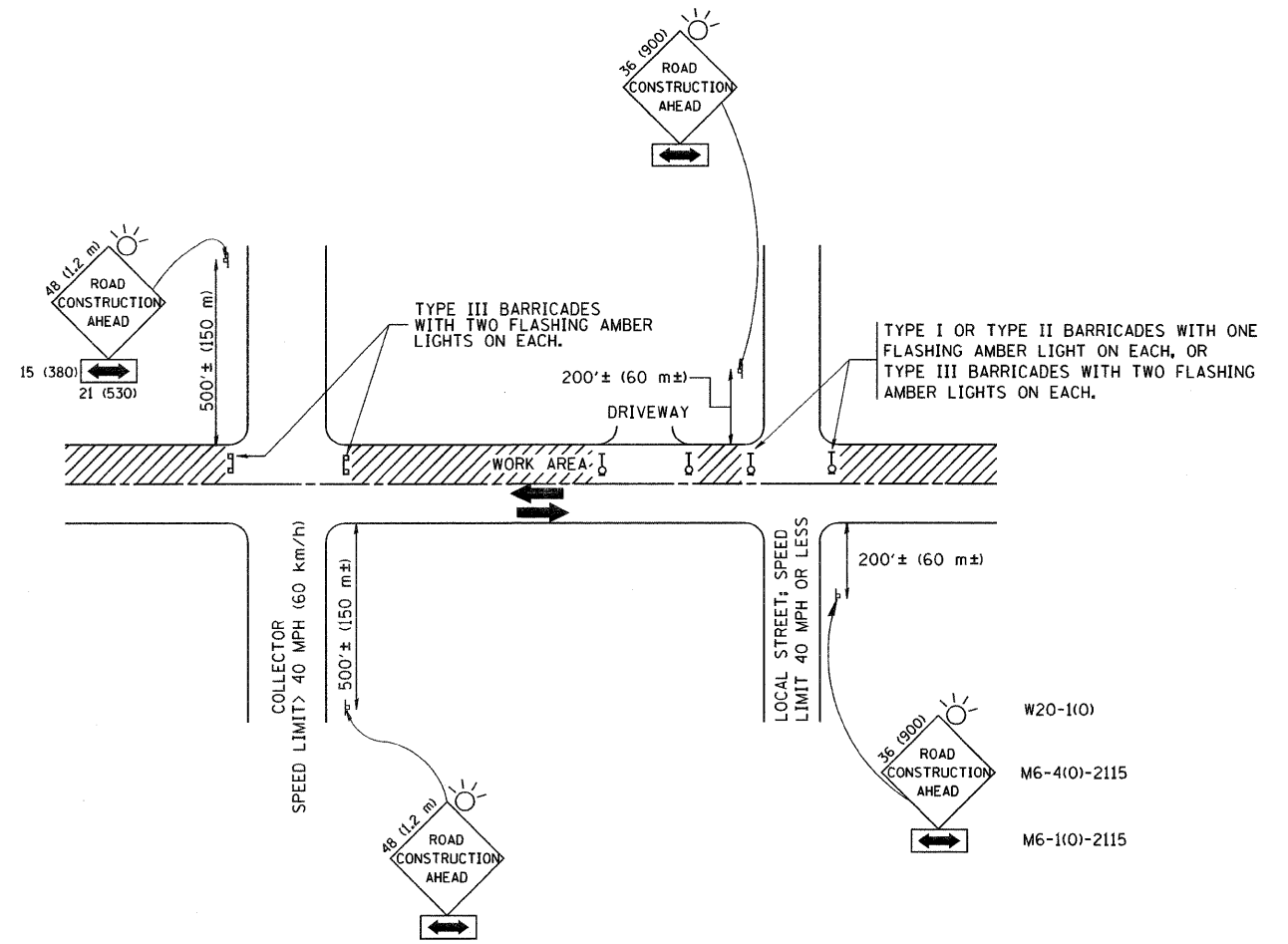
REVISED - R. SHAH 10-25-94
 REVISED - A. ABBAS 03-21-97
 REVISED - M. GOMEZ 04-06-01
 REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
 HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1350	1292-I	COOK	33	27
BD400-05 BD32			CONTRACT NO. 60J57	
FED. ROAD DIST. NO. 1 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

1. 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.
2. 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 (1.2 m x 1.2 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.
3. 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.

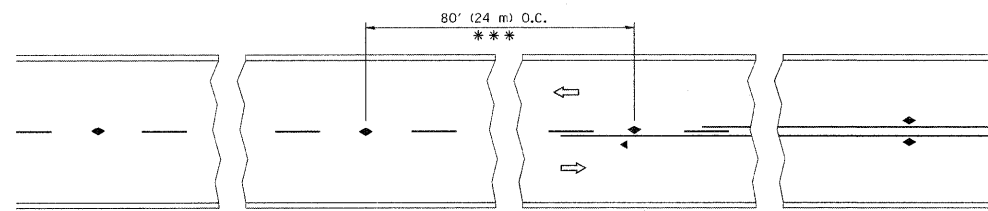
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		PLOT SCALE = 50.000' / IN.	REVISED - A. HOUSEH 10-15-96
		PLOT DATE = 1/4/2008	REVISED - T. RAMMACHER 01-06-00
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

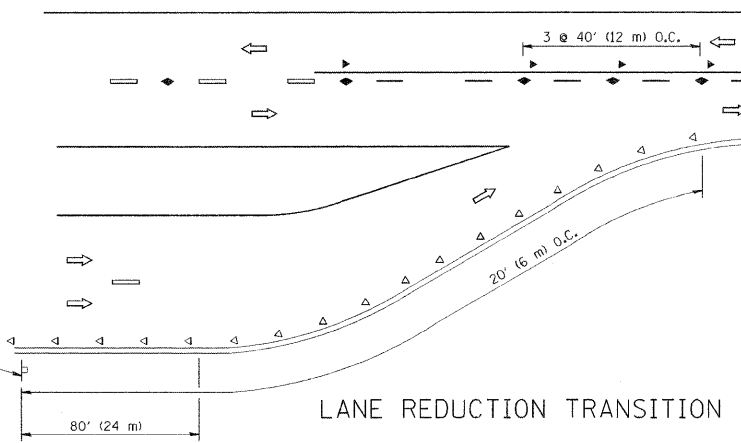
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F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 60J57	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

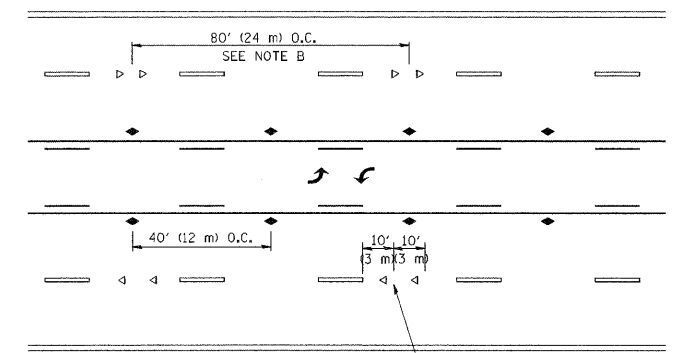


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

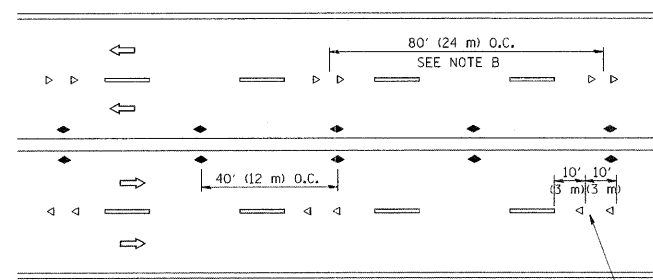
TWO-LANE/TWO-WAY



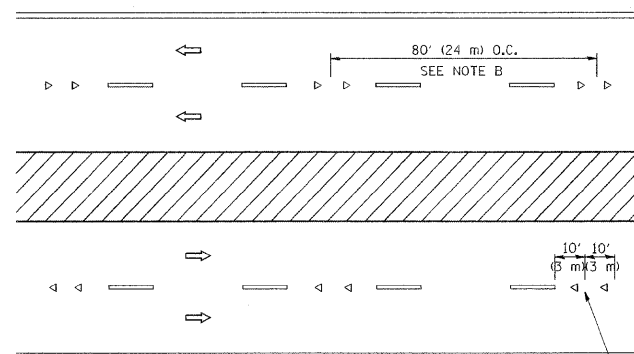
LANE REDUCTION TRANSITION



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.

SYMBOLS

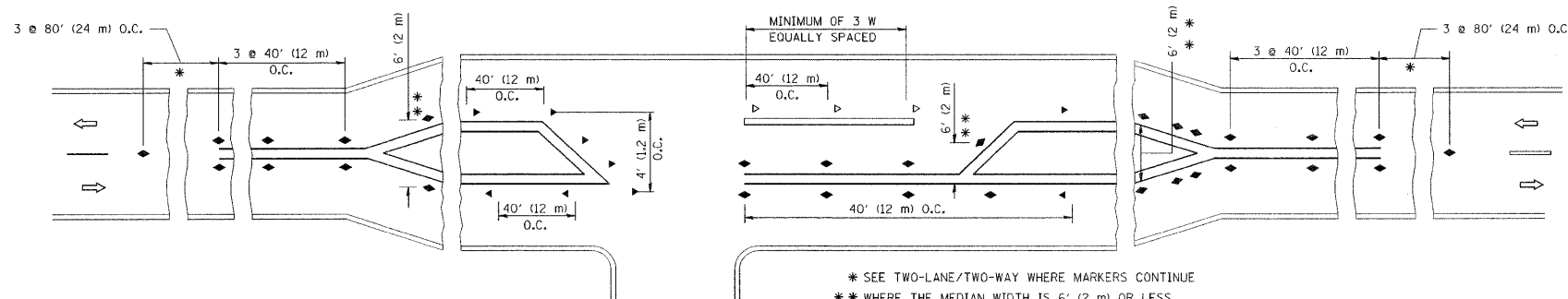
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

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.



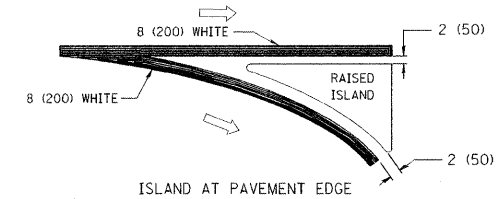
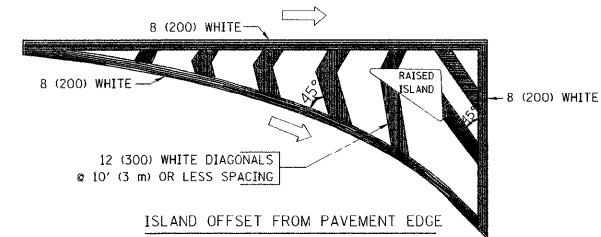
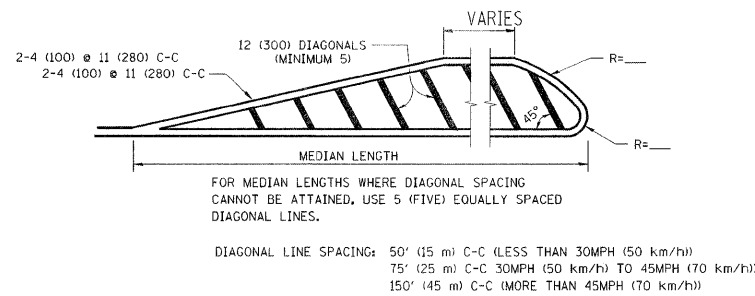
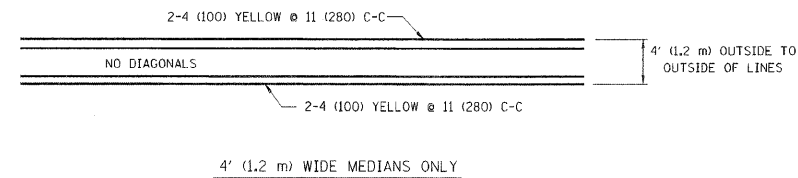
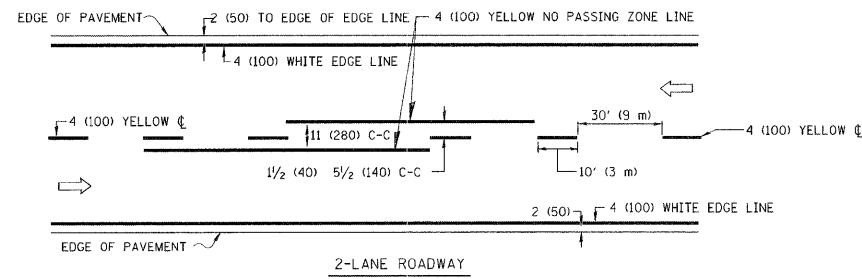
LEFT TURN

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

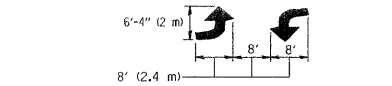
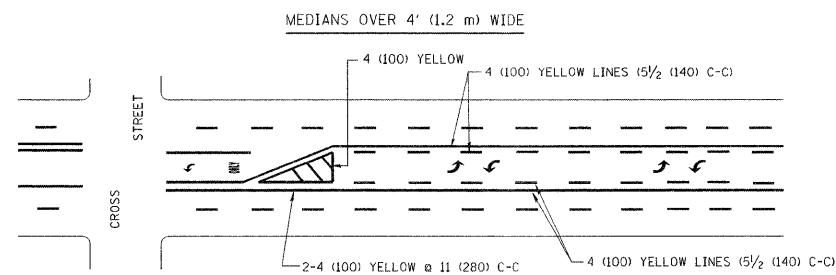
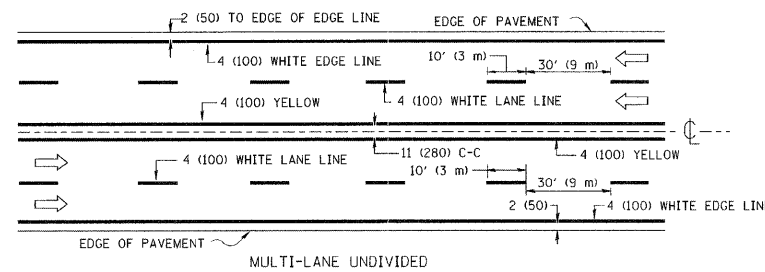
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

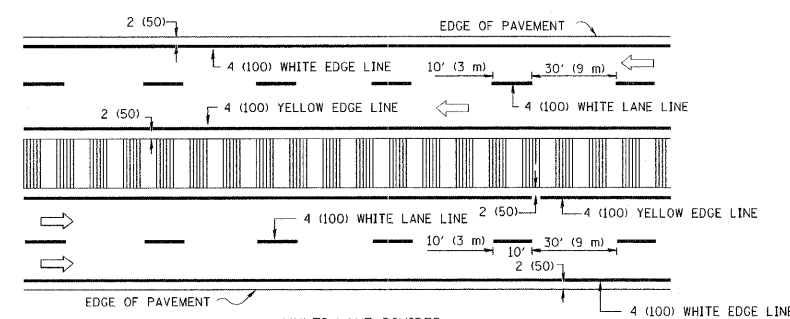
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RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		1350	1292-I	COOK	33	29
SCALE: NONE		TC-11		CONTRACT NO. 60J57		
SHEET NO. 1 OF 1 SHEETS		FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



TYPICAL ISLAND MARKING

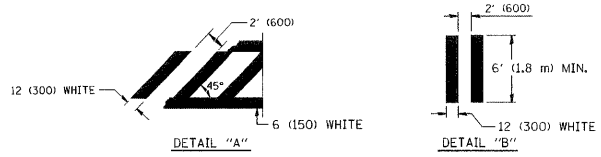
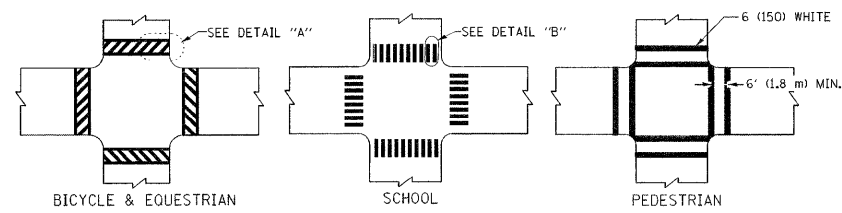


TYPICAL PAINTED MEDIAN MARKING

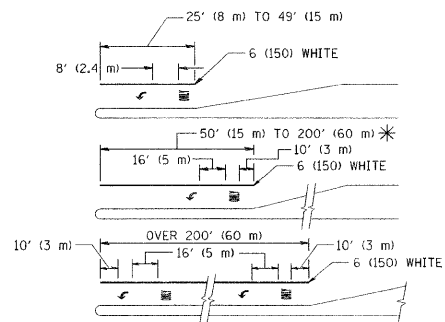


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



* 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".

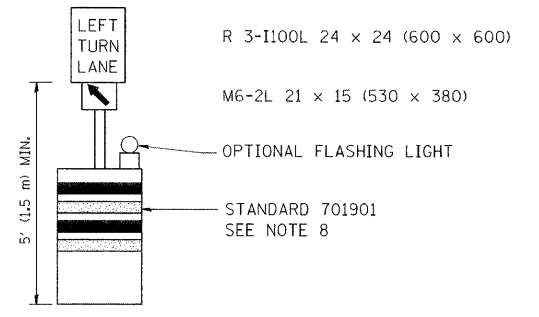
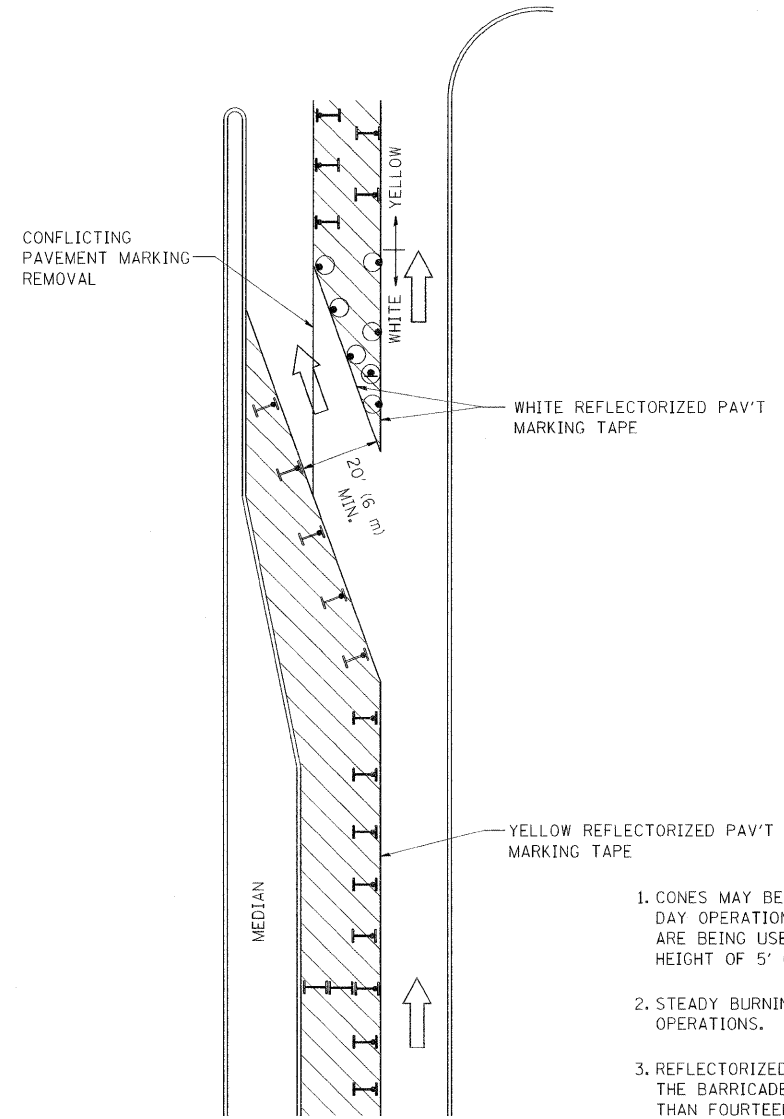
TYPICAL LEFT (OR RIGHT) TURN LANE

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 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 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 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' (25 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.

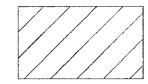







GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

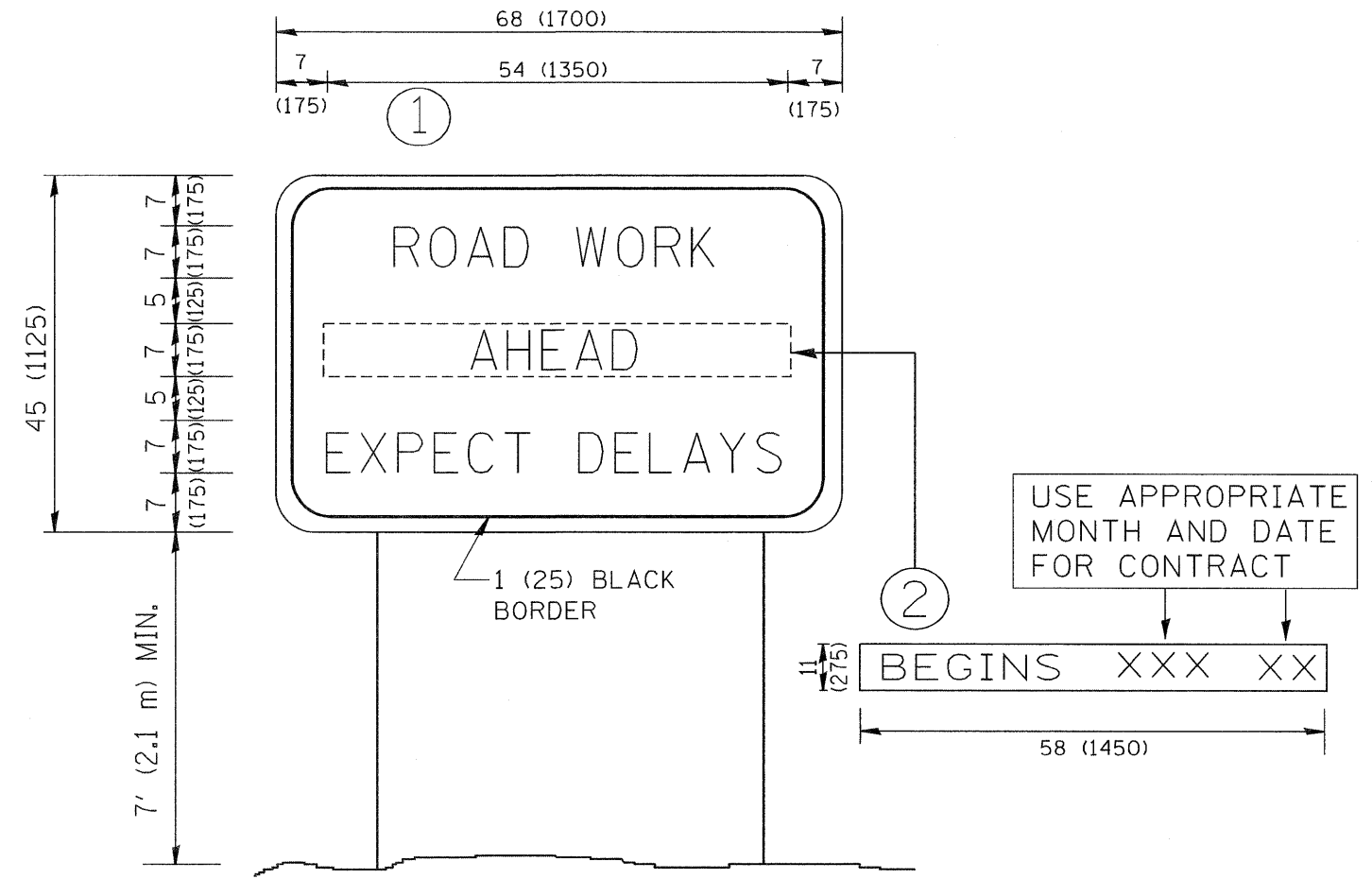
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		REVISED - A. HOUSEH 10-12-96	REVISED -
		REVISED - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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F.A.I. RTE. 1350	SECTION 1292-I	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 31
TC-14			CONTRACT NO. 60J57	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

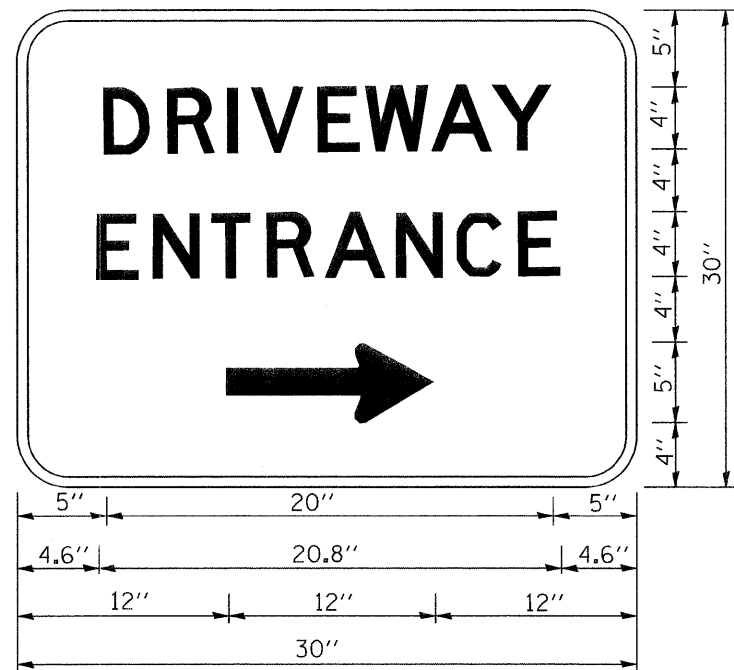
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	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 1350	SECTION 1292-I	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 32
TC-22			CONTRACT NO. 60J57	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-26	
PLOT DATE = 1/4/2008	DATE -	REVISED -					FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT					