

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED  
 HIGHWAY PLANS**

FAU 2678 / SECTION 3025-I-1  
 ILL. NO. 60570

TOTAL SHEET NO. 10 NO. 60570

D-91-260-1

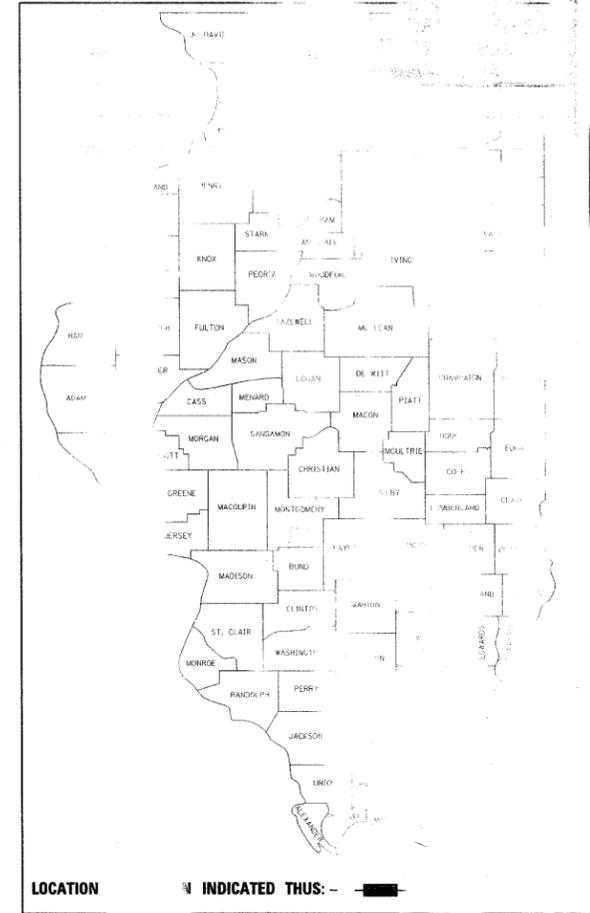
FOR INDEX OF SHEETS, SEE SHEET NO. 2

**DESIGN DESIGNATION**

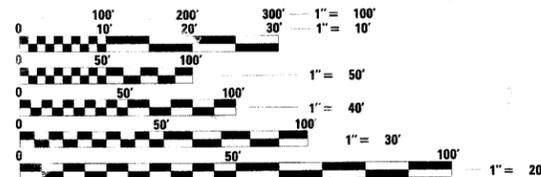
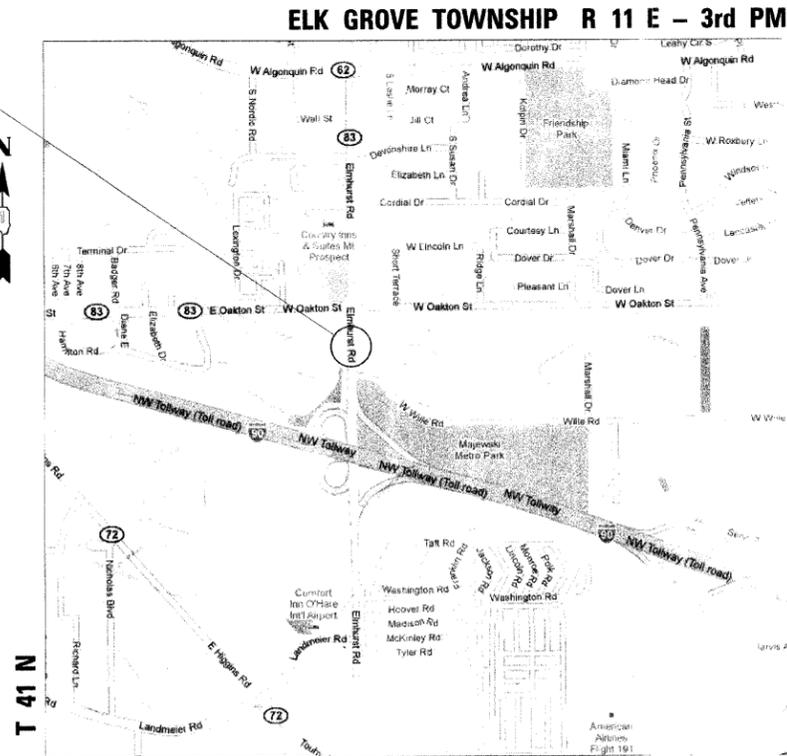
MINOR ARTERIAL (URBAN)  
 ADT 33,500 (2006)  
 SPEED LIMIT 45 MPH

**FAU 2678 / ELMHURST ROAD  
 SECTION 3025-I-1  
 OVER HIGGINS CREEK (0.09 MI. S. OF IL 62)  
 BRIDGE DECK REPAIRS AND OVERLAY  
 PROJECT NUMBER: M-2678(007)  
 COOK COUNTY  
 C-91-260-10**

IMPROVEMENT LOCATED  
 IN ELK GROVE VILLAGE



IMPROVEMENT LOCATION  
 ELMHURST ROAD OVER  
 HIGGINS CREEK  
 STRUCTURE #10: 016-0677



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.

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

PROJECT MANAGER: MR. ISAAC KWARTENG (847) 705-4230  
 PROJECT ENGINEER: MR. ALIX BRICE (847) 705-4552

CONTRACT NO. 60J70

LOCATION MAP  
 GROSS AND NET LENGTH OF IMPROVEMENT = 68.0 FT. = 0.013 MILE

*John Hule*  
 FEB 2010

COLLINS ENGINEERING  
 JAMES E. COLLINS  
 NO. 115  
 EXP. 11-11-10

COI  
 ENG  
 123 N. WAB  
 CHICAGO, IL  
 ILLINOIS PROFESSIONAL ENGINEER LICENSE

NS  
 RS  
 115 300  
 115 300  
 115 300  
 DESIGN FIRM  
 0993

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 1, 2010

DEP. DIRECTOR OF HIGHWAYS, REG. ENGINEER  
*Diana M. O'Keefe*

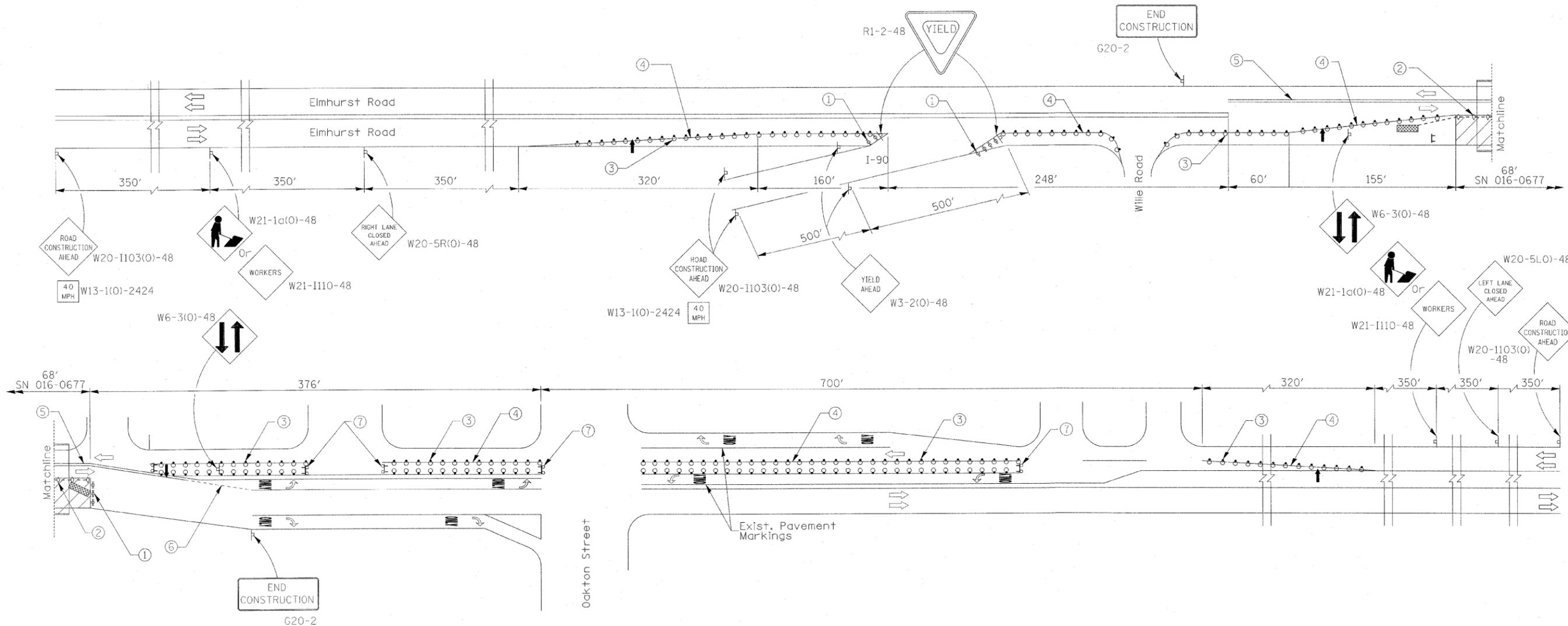
March 19, 2010  
 Acting ENGINEER OF DESIGN AT ENVIRONMENT  
*Scott E. Stitt, P.E.*

March 19, 2010  
 DIRECTOR OF HIGHWAYS, REG. ENGINEER  
*Christina M. Reed*

BY THE AUTHORITY  
 STATE OF ILLINOIS



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SYMBOLS

- Work area
- Sign
- Type III barricade
- Impact attenuator
- Arrow board
- Drum with steady burning light
- Temporary concrete barrier
- Crystal, bidirectional barrier wall/guardrail marker
- Barricade or drum with flashing light

- ① Type II barricades or drums with steady burning monodirectional light
- ② Barrier wall/guardrail markers at 25' cts. See Standards 704001 & 635011.
- ③ Drums at 6' centers
- ④ Temporary pavement marking, 4" wide solid white
- ⑤ Temporary pavement marking, 4" wide double yellow at 8 inches C-C
- ⑥ Temporary pavement marking, 6" wide dashed white (2' line, 6' space)
- ⑦ Type I or Type II barricades, per Standard 701606

NOTES:

MAINTENANCE OF TRAFFIC DEVICES TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARDS 701321, 701411, AND 701606 AND DISTRICT ONE STANDARDS TC-11 AND TC-13. ADDITIONAL SIGNAGE MAY BE REQUIRED BY THE RESIDENT ENGINEER. THIS WORK AND SIGNAGE IS INCLUDED IN THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

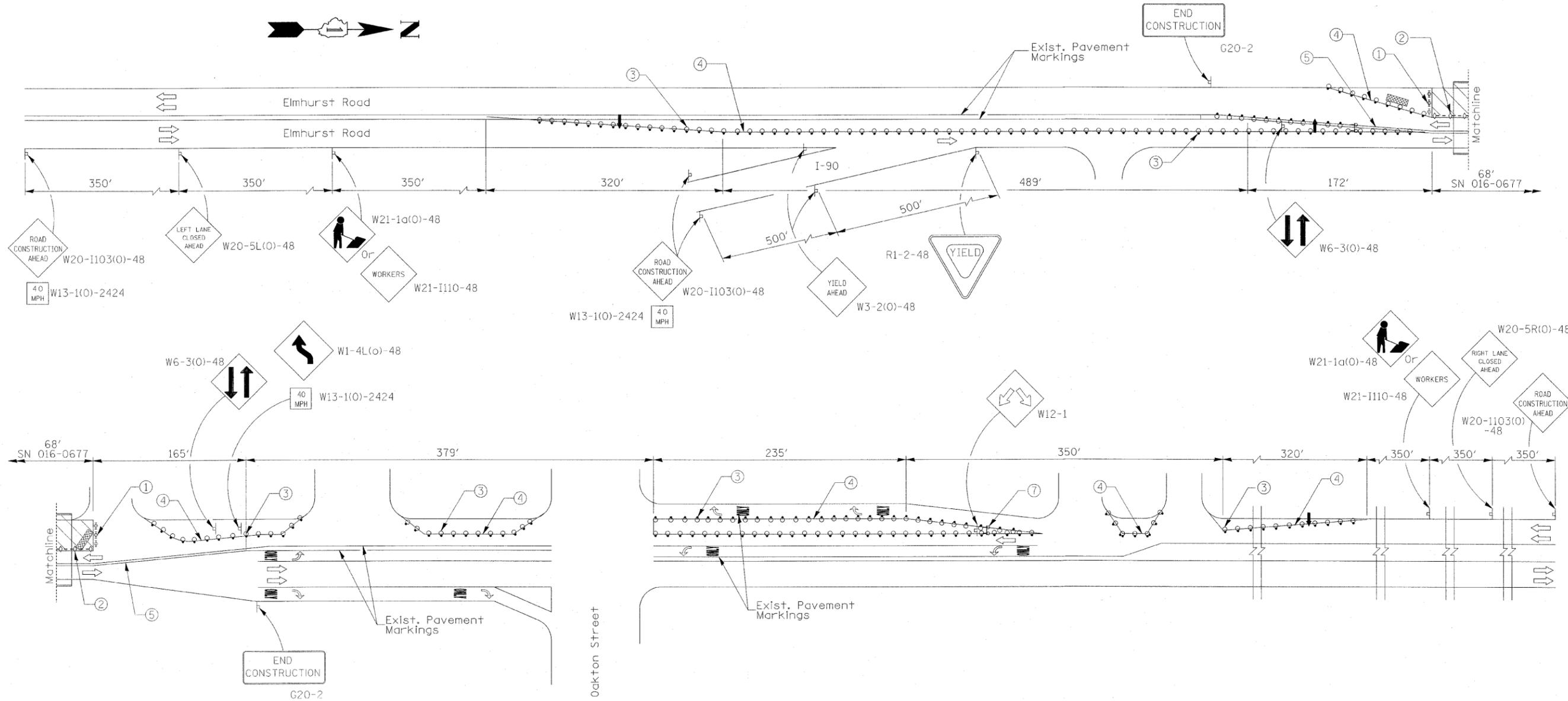
EXISTING, CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.

REMOVAL OF THE TEMPORARY PAVEMENT MARKINGS SHALL BE PAID FOR UNDER THE PAY ITEM WORK ZONE PAVEMENT MARKING REMOVAL.

THE EXISTING PAVEMENT MARKINGS THAT HAVE BEEN REMOVED SHALL BE REPLACED IN-KIND. POLYUREA PAVEMENT MARKING, TYPE I WILL BE PLACED ON CONCRETE SURFACES. THERMOPLASTIC PAVEMENT MARKINGS WILL BE PLACED ON HMA SURFACES.

FILE NAME = D160J70-shc-staging.dgn	USER NAME = 100T(eng)	DESIGNED - A. Selber	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE I CONSTRUCTION - MAINTENANCE OF TRAFFIC FAU 2678 /ELMHURST ROAD OVER HIGGINS CREEK</b>	F.A.U. RTE. 2678	SECTION 3025-I-1	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 3	
PLOT SCALE =		DRAWN - A. Selber	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 60J70		
PLOT DATE = February 1, 2010		CHECKED - J. Hamelka	REVISED -		ILLINOIS FED. AID PROJECT						
		DATE - JANUARY, 2010	REVISED -								

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SYMBOLS

- |                    |  |
|--------------------|--|
| Work area          | Drum with steady burning light                       |
| Sign               | Temporary concrete barrier                           |
| Type III barricade | Double vertical panel (see detail)                   |
| Impact attenuator  | Crystal, bidirectional barrier wall/guardrail marker |
| Arrow board        | Barricade or drum with flashing light                |

- ① Type II barricades or drums with steady burning monodirectional light
- ② Barrier wall/guardrail markers at 25' cts. See Standards 704001 & 635011.
- ③ Drums at 6' centers
- ④ Temporary pavement marking, 4" wide solid white
- ⑤ Temporary pavement marking, 4" wide double yellow at 8 inches C-C
- ⑥ Temporary pavement marking, 6" wide dashed white (2" line, 6' space)
- ⑦ Type I or Type II barricades, per Standard 701606

NOTES:

MAINTENANCE OF TRAFFIC DEVICES TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARDS 701321 AND 701606 AND DISTRICT ONE STANDARDS TC-11 AND TC-13. ADDITIONAL SIGNAGE MAY BE REQUIRED BY THE RESIDENT ENGINEER. THIS WORK AND SIGNAGE IS INCLUDED IN THE PAYITEM FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

EXISTING, CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.

REMOVAL OF THE TEMPORARY PAVEMENT MARKINGS SHALL BE PAID FOR UNDER THE PAY ITEM WORK ZONE PAVEMENT MARKING REMOVAL.

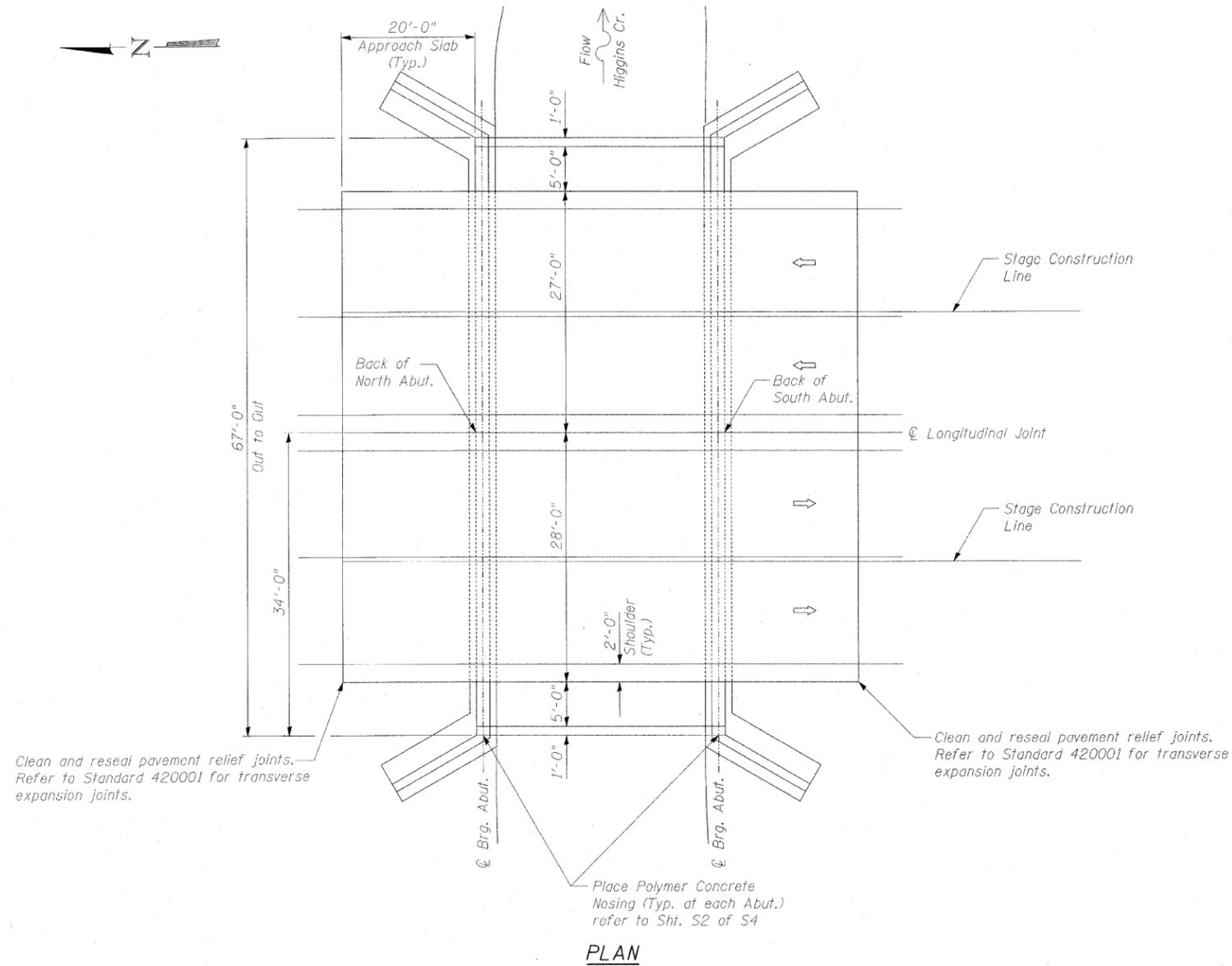
THE EXISTING PAVEMENT MARKINGS THAT HAVE BEEN REMOVED SHALL BE REPLACED IN-KIND. POLYUREA PAVEMENT MARKING, TYPE I WILL BE PLACED ON CONCRETE SURFACES. THERMOPLASTIC PAVEMENT MARKINGS WILL BE PLACED ON HMA SURFACES.

FILE NAME = D:\160J70-shr-staging.dgn	USER NAME = IDOT (eng)	DESIGNED - A. Selber	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE II CONSTRUCTION - MAINTENANCE OF TRAFFIC FAU 2678 /ELMHURST ROAD OVER HIGGINS CREEK</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - A. Selber	REVISED -				2678	3025-1-1	COOK	10	4
PLOT DATE = February 1, 2010	CHECKED - J. Hamelko	DATE - JANUARY, 2010	REVISED -	SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.		CONTRACT NO. 60J70		
ILLINOIS FED. AID PROJECT											

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Existing Structure: The structure is a single span reinforced concrete slab bridge with a hot-mix asphalt overlay.  
The original structure was built in 1926 as Section 3025-I 1.

Salvage: None.

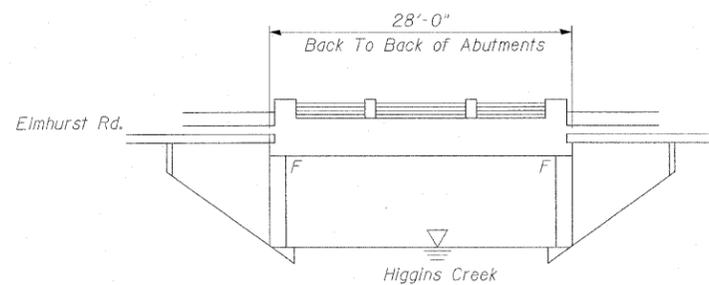


Clean and reseal pavement relief joints. Refer to Standard 420001 for transverse expansion joints.

Clean and reseal pavement relief joints. Refer to Standard 420001 for transverse expansion joints.

Place Polymer Concrete Nosing (Typ. at each Abut.) refer to Sht. S2 of S4

PLAN



ELEVATION

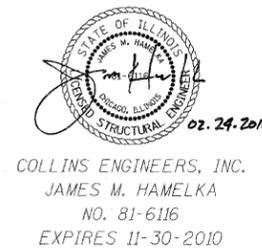


**DESIGN SPECIFICATIONS**  
2002 AASHTO Standard Specifications  
for Highway Bridges, 17th Edition

**DESIGN STRESSES**  
 $f'_c = 3,500$  psi  
 $f_y = 60,000$  psi

**SCOPE OF WORK**

1. Bridge deck and approach pavement overlay removal.
2. Bridge deck hydro-scarification.
3. Reconstruct longitudinal joint.
4. Repair bridge deck.
5. Repair approach slabs.
6. Repair parapets and sidewalks.
7. Place new overlay.
8. Clean and reseal pavement relief joints.



COLLINS ENGINEERS, INC.  
JAMES M. HAMELKA  
NO. 81-6116  
EXPIRES 11-30-2010

**GENERAL PLAN AND ELEVATION**  
**F.A.U. ROUTE 2678 SEC. 3025-I-1**  
**ELMHURST ROAD OVER HIGGINS CREEK**  
**COOK COUNTY**  
**STATION 51+88**  
**STRUCTURE NO. 016-0677**

DESIGNED	JMC/JMH
CHECKED	JMH
DRAWN	JMC
CHECKED	SLK

EXAMINED	2010
PASSED	ENGINEER OF STRUCTURAL SERVICES
	ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. S1 OF S4 SHEETS	F.A.U. RTE. 2678	SECTION 3025-I-1	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 5
CONTRACT NO. 60J70					
ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**INDEX OF SHEETS**

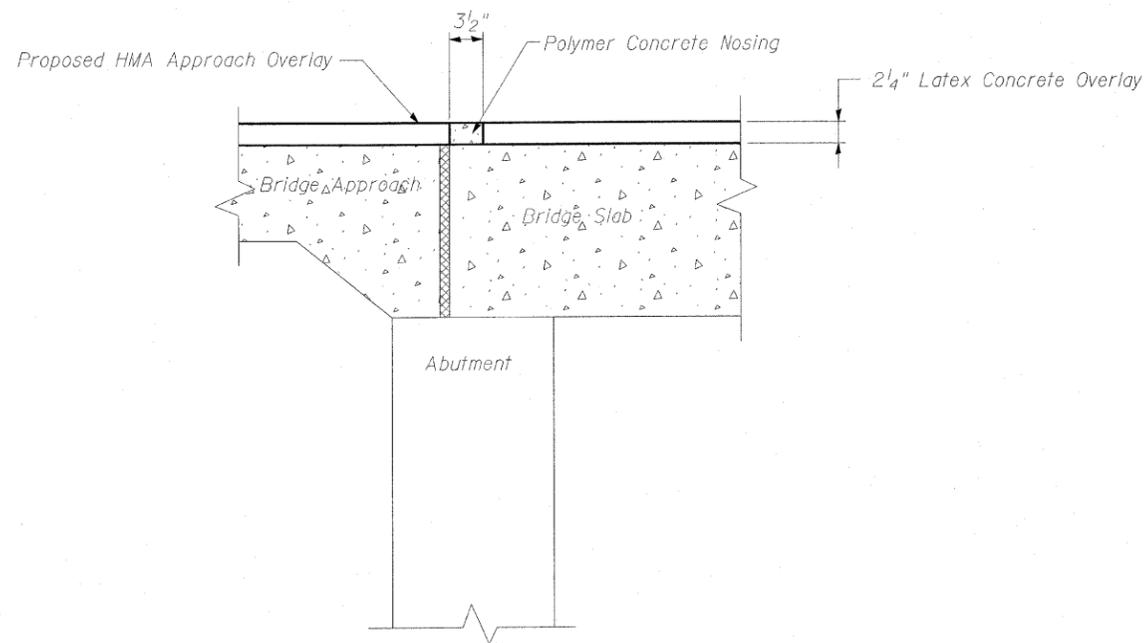
- S1. General Plan and Elevation
- S2. General Notes, Bill of Materials and Index of Sheets
- S3. Stage Construction Details
- S4. Parapet, Bridge Deck and Approach Slab Repairs

**GENERAL NOTES:**

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
4. Stage construction shall be utilized to maintain traffic during construction.
5. The removal and reattachment of guardrail, hand rail, steel railings, traffic barrier terminal, and etcetera required for repair work (e.g. transverse joint replacement or structural repair of concrete) shall be included in the contract unit price of the work item being performed.

**TOTAL BILL OF MATERIAL**

ITEM DESCRIPTION	UNIT	SUPER SRUCT.	SUB SRUCT.	TOTAL
Approach Slab Repair (Partial Depth)	Sq. Yd.	1		1
Protective Coat	Sq. Yd.	203		203
Bridge Deck Grooving	Sq. Yd.	165		165
Bridge Deck Latex Concrete Overlay 2 1/4"	Sq. Yd.	160		160
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	172		172
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.	92		92
Hot-Mix Asphalt Surface Removal 1 1/2"	Sq. Yd.	245		245
Polymerized Hot-Mix Asphalt Surface Course Mix "F", N90	Ton	21		21
Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	172		172
Clean and Reseal Relief Joints	Foot	110		110
Polymer Concrete	Cu. Ft.	7		7
Concrete Removal	Cu. Yd.	12		12
Concrete Superstructure	Cu. Yd.	7		7
Reinforcement Bars, Epoxy Coated	Pound	1,270		1,270
Bituminous Materials (Prime Coat)	Gallon	25		25



**CONCRETE NOSING DETAIL  
AT BRIDGE ABUTMENTS**

Note: When the polymer concrete nosing is to be installed adjacent to a deck overlay, the nosing shall be installed after the overlay is placed.

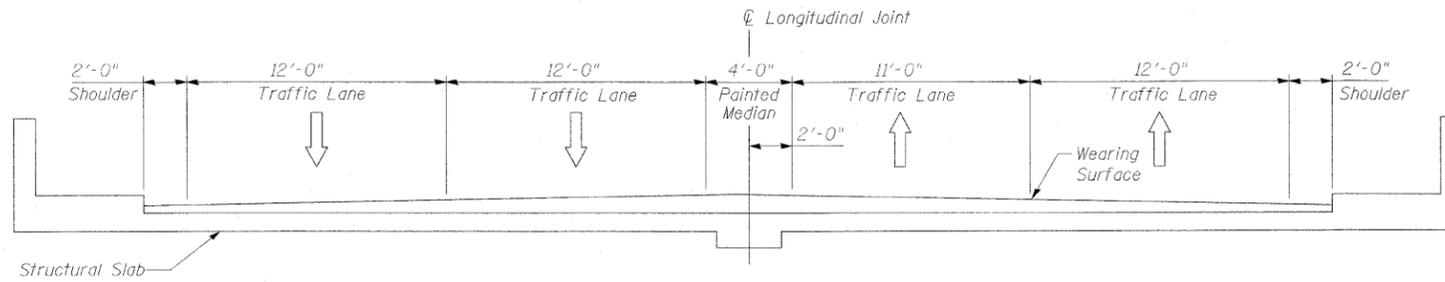
DESIGNED JMC/JMH
CHECKED JMH
DRAWN JMC
CHECKED SLK

2010
EXAMINED
PASSED

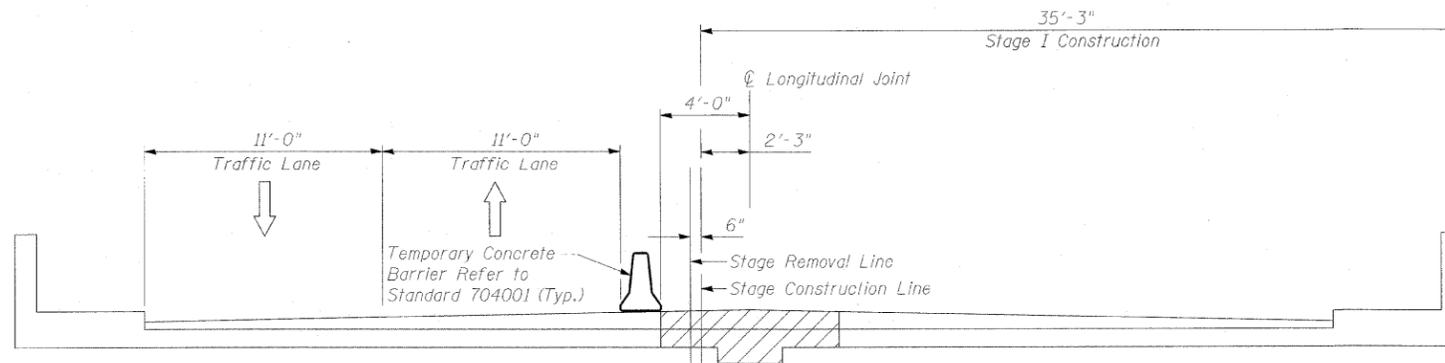
**GENERAL NOTES, BILL OF MATERIALS  
AND INDEX OF SHEETS  
STRUCTURE NO. 016-0677**

SHEET NO. S2 OF S4 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2678	3025-I-1	COOK	10	6
CONTRACT NO. 60J70					
ILLINOIS FED. AID PROJECT					

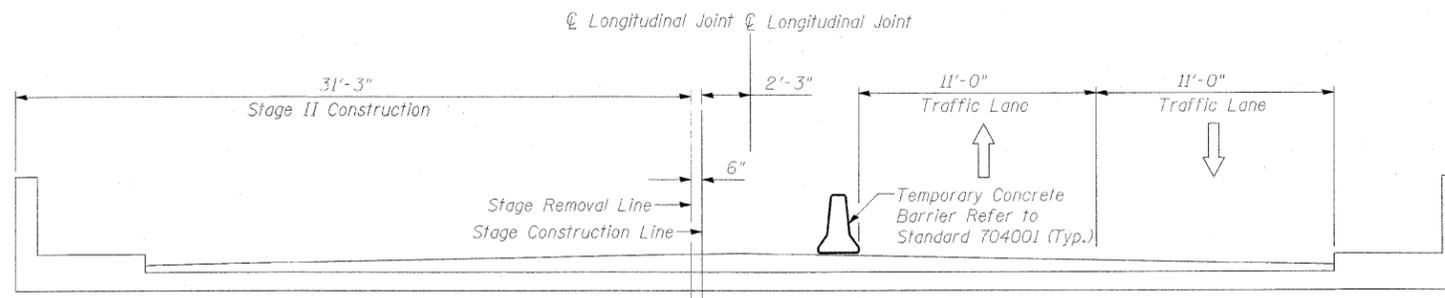
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**EXISTING CROSS SECTION**  
(Looking North)



**STAGE I CROSS SECTION**  
(Looking North)



**STAGE II CROSS SECTION**  
(Looking North)

**NOTE**  
For quantity of temporary concrete barrier refer to Summary of Quantities.

DESIGNED JMC/JMH
CHECKED JMH
DRAWN JMC
CHECKED SLK

2010
EXAMINED
PASSED

ENGINEER OF STRUCTURAL SERVICES  
ENGINEER OF BRIDGES AND STRUCTURES

**STAGE CONSTRUCTION DETAILS**  
**STRUCTURE NO. 016-0677**

SHEET NO. S3 OF S4 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2678	3025-I-1	COOK	10	7
CONTRACT NO. 60J70					
ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIAL

SYMBOL	ITEM	UNIT	QUANTITY
	Deck Slab Repair (Partial) Δ	Sq. Yd.	12
	Approach Slab Repair (Partial Depth)	Sq. Yd.	1
	Protective Coat	Sq. Yd.	203
	Bridge Deck Grooving	Sq. Yd.	165
	Bridge Deck Latex Concrete Overlay 2 1/4"	Sq. Yd.	160
	Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	172
	Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.	92
	Hot-Mix Asphalt Surface Removal 1 1/2"	Sq. Yd.	245
	Polymerized Hot-Mix Asphalt Surface Course Mix "F", N90	Ton	21
	Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	172
	Concrete Removal	Cu. Yd.	12
	Concrete Superstructure	Cu. Yd.	7
	Reinforcement Bars, Epoxy Coated	Pound	1,270
	Bituminous Materials (Prime Coat)	Gallon	25

BAR	NO.	SIZE	LENGTH	SHAPE
a1 (E)	13	#8	27'-8"	—
a2 (E)	5	#5	27'-8"	—
b1 (E)	58	#4	4'-2"	—

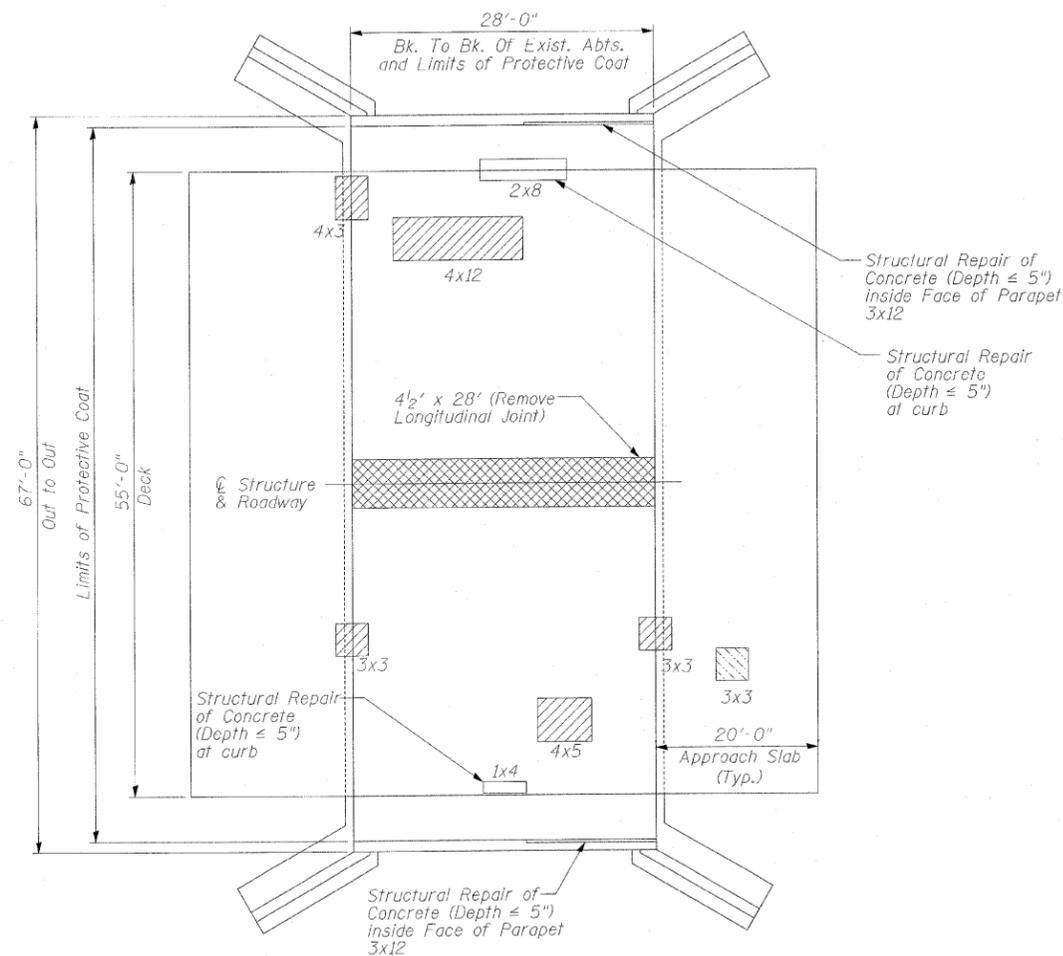
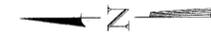
Δ For information only to assist the Contractor in bidding. See Special Provision for "Bridge Deck Latex Overlay."

NOTES:

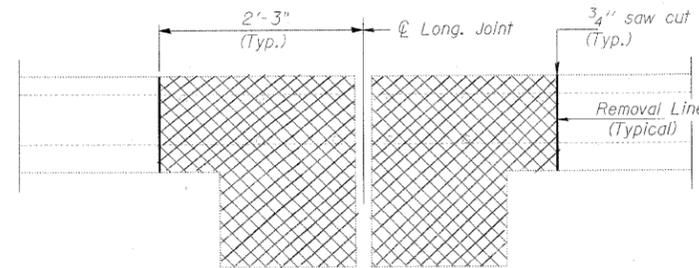
1. Deck And Approach Slab Repair Areas Are Estimated Based On Visual Inspection Completed In October 2009. Actual Repair Areas And Locations Shall Be Determined By The Engineer And Shown On As-built Plans.
2. The Contractor may have to remove and reattach traffic barrier terminal to facilitate structural repair of concrete at parapets. This work shall be included in the item for "Structural Repair of Concrete (Depth < 5)".
3. The following items consider the entire deck surface area:  
Hot Mix Asphalt Surface Removal (Deck)  
Bridge deck hydro-scarification 1/2"  
Bridge deck grooving
4. The item for Bridge Deck Latex Concrete Overlay 2 1/4" considers the deck area excluding the reconstructed longitudinal joint area.
5. The following items apply to the extents of both approach slabs:  
Hot-Mix Asphalt Surface Removal, 1 1/2"  
Polymerized Hot-Mix Asphalt Surface Course, Mix "F", N90  
Bituminous Materials (Prime Coat)
6. The protective coat shall be applied to the bridge deck, sidewalks and inside faces of parapets.

PARAPET, BRIDGE DECK AND  
APPROACH SLAB REPAIRS  
STRUCTURE NO. 016-0677

SHEET NO. S4 OF S4 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2678	3025-I-1	COOK	10	8
CONTRACT NO. 60J70					
ILLINOIS FED. AID PROJECT					

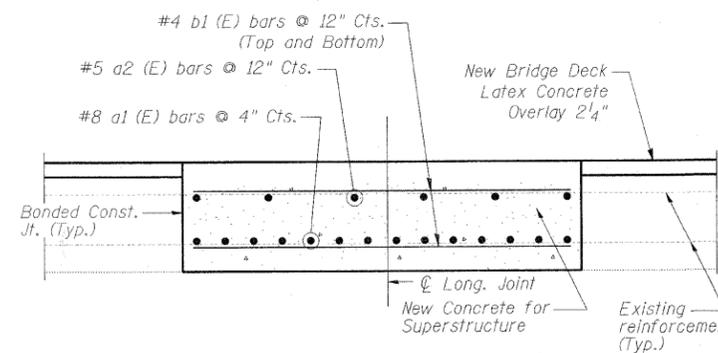


PLAN



EXISTING LONGITUDINAL JOINT CROSS SECTION

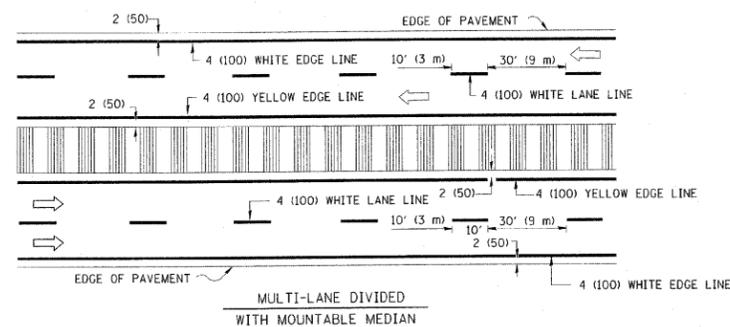
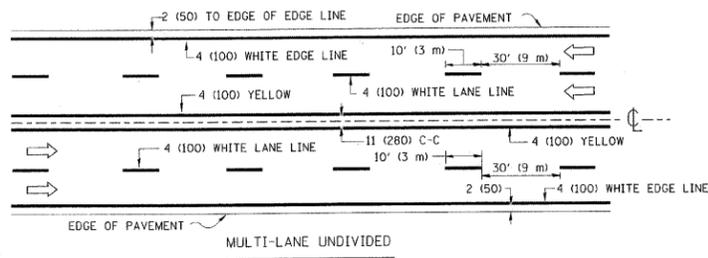
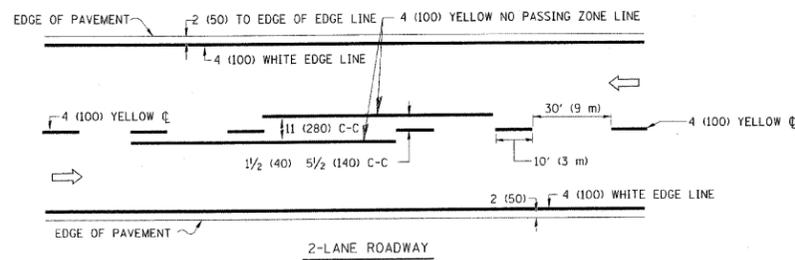
**Cross** Hatched areas indicate concrete sections to be removed. Perimeters of Concrete Removal areas shall be saw cut 3/4" prior to the removal of the concrete. Existing transverse reinforcement shall be cleaned, straightened and incorporated into the new construction. New reinforcement bars shall be epoxy coated.



RECONSTRUCTED LONGITUDINAL JOINT  
WITH CONCRETE BRIDGE DECK OVERLAY  
DETAIL

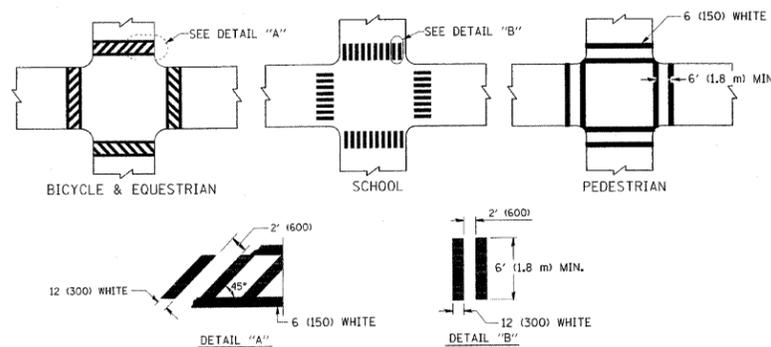
DESIGNED JMC/JMH	2010
CHECKED JMH	EXAMINED
DRAWN JMC	ENGINEER OF STRUCTURAL SERVICES
CHECKED SLK	PASSED
	ENGINEER OF BRIDGES AND STRUCTURES



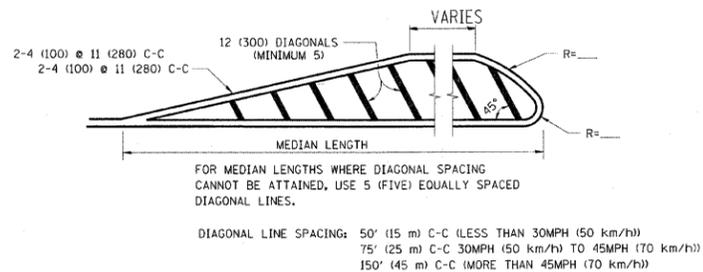
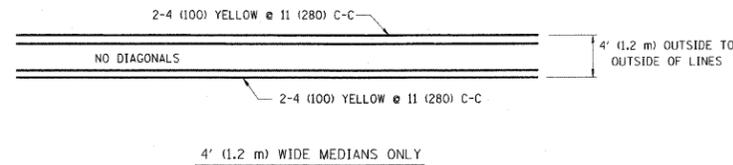


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

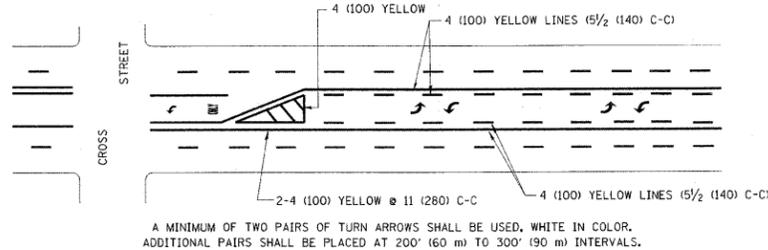
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

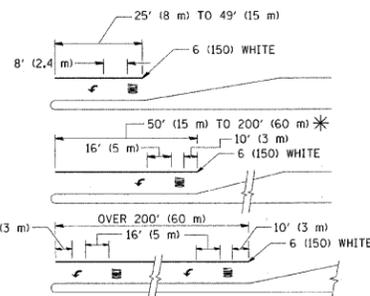


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

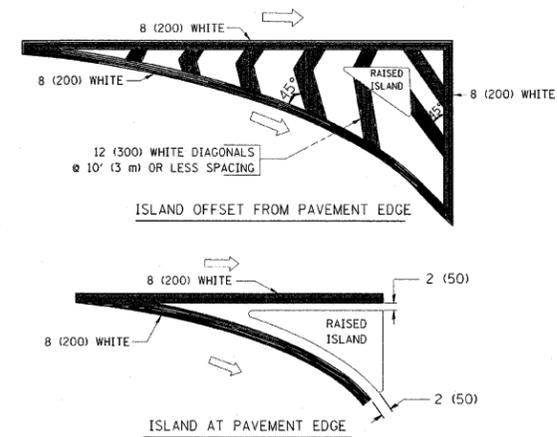
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>) \* 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



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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	SKIP-DASH AND SOLID	YELLOW	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
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 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 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
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.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED -T, RAMMACHER 10-27-94
os\pwwork\pwwork\drivakosgn\d0108315\tdc3.dgn		DRAWN -	REVISED -C, JUCIUS 09-09-09
	PLOT SCALE = 50:000 1/4 IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	3025-I-1	COOK	10	10
TC-13			CONTRACT NO. 60J70	
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

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