

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(53 & 54) RS-7	KANE	38	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60667		

D-91-523-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

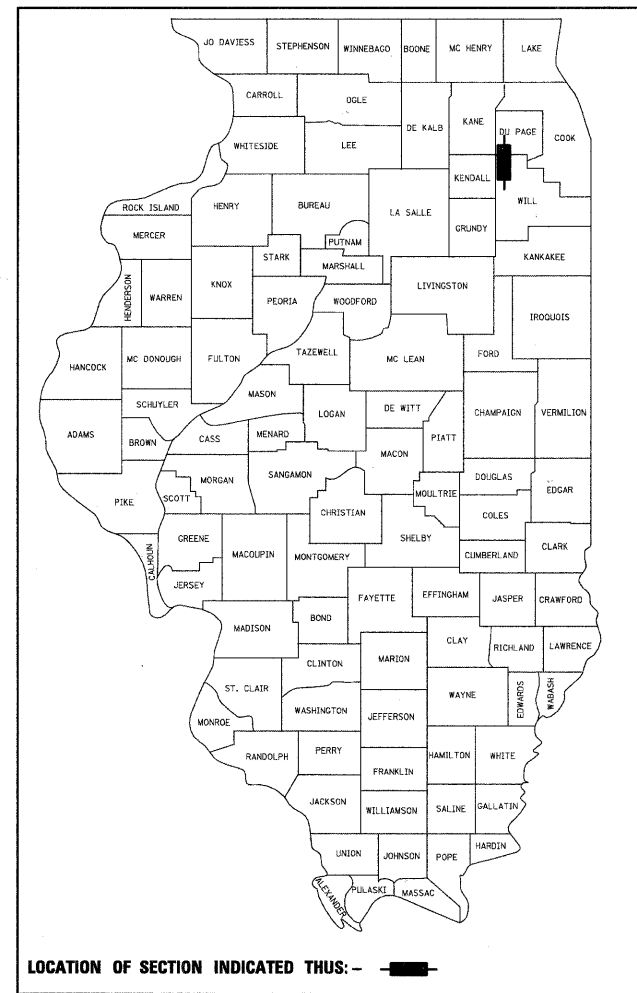
**FAU ROUTE 2503 (IL ROUTE 25) (RIVER ROAD)
FROM LAUREL ROAD TO NEW YORK STREET**

SECTION: (53 & 54) RS-7

RESURFACING (3P)

KANE COUNTY

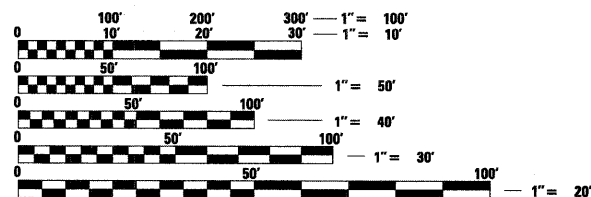
C-91-523-09



FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT 13300 (2009)
SPEED LIMIT 50 MPH

OMMISSIONS
STA. 119+00 TO STA. 138+00
STA. 148+00 TO STA. 154+00
STA. 173+00 TO STA. 179+00
STA. 192+00 TO STA. 205+00



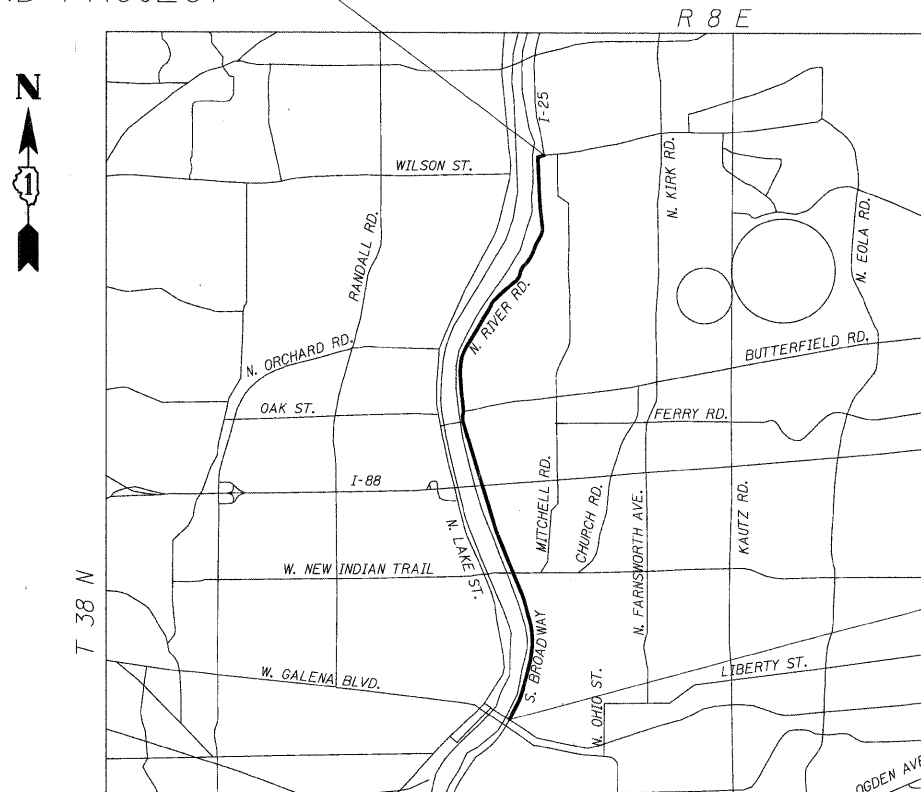
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: REJENDRA C. SHAH (847) 705-4555
PROJECT MANAGER: CATHERINE KIBBLE (847) 705-4269

CONTRACT NO. 60667

STA. 354+42
END PROJECT



STA. 9+80
BEGIN PROJECT

LOCATION SKETCH

GROSS LENGTH OF PROJECT = 33,562' = 6.36 MI
NET LENGTH OF PROJECT = 29,162' = 5.52 MI

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED APRIL 15, 20 09
Diana M. O'Keefe or
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 1, 20 09
Charles G. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT
May 1, 20 09
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

LONGO, INC.
CONSULTING ENGINEERS
1560 WALL ST., SUITE 222
NAPERVILLE, ILLINOIS 60563 PH (630) 577-9100

WILLIAM H. HEPBURN
062-047827
REGISTERED
PROFESSIONAL
ENGINEER
William H. Hepburn
Expires 11.30.09

INDEX OF SHEETS

STATE STANDARDS

PLAN NOTES

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES AND MIX SCHEDULE
3-4	SUMMARY OF QUANTITIES
5-6	EXISTING AND PROPOSED TYPICAL CROSS SECTIONS
7-18	ROADWAY AND PAVEMENT MARKING PLANS
19-21	DETECTOR LOOP PLANS
22	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THEN OR EQUAL TO 15' (4.5M) (BD-01)
23	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15' (4.5M) (BD-02)
24	FRAMES AND LIDS ADJUSTMENT WITH MILLING, AND FRAMES AND LIDS ADJUSTMENT WITHOUT MILLINGS (BD-08)
25	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
26	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
27	BUTT JOINTS AND HMA TAPER (BD-32)
28	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
29	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
30	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
31	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
32	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
33	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
34	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS (TC-17)
35	ARTERIAL ROAD INFORMATION SIGN (TC-22)
36	SIGNING AND PAVEMENT MARKINGS TREATMENT FOR RAILROAD CROSSINGS (TC-23)
37	DRIVEWAY ENTRANCE SIGNING (TC-26)
38	DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING (TS-07)

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
642001-01	SHOULDER RUMBLE STRIPS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
70101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600MM) FROM PAVEMENT EDGE
70106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS LESS THAN 45 MPH
701206-02	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS LESS THAN 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS LESS THAN 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS LESS THAN 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS LESS THAN 45 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIUM
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-02	HANDHOLES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES WITHIN THE CITIES OF AURORA AND BATAVIA.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OF FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT). IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEETS INCLUDED ON THE PLANS. UNLESS OTHERWISE SPECIFIED.

THE RESIDENT ENGINEER SHALL CONTACT MR. DON CHANJEK, AREA TRAFFIC FIELD ENGINEER AT (815) 741-9857 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.

10 FEET (3 METERS) TRANSITION SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER TO EXISTING CURB AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OR WORK SPECIFIED.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).



USER NAME = #USER#	DESIGNED - MJY	REVISED -
	DRAWN - ZDA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJY	REVISED -
PLOT DATE = #DATE#	DATE - 04/15/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
IL ROUTE 25**

SCALE: NONE | SHEET NO. 2 OF 38 SHEETS | STA. 9+80 TO STA. 35+42

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(53 & 54) RS-7	KANE	38	2
D-91-523-09			CONTRACT NO. 60667	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE		SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	1000 100% STATE		CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	1000 100% STATE	
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	300	300		44004610	SIDEWALK REMOVAL AND REPLACEMENT (SPECIAL)	SQ FT	400	400	
20201006	GRADING AND SHAPING SHOULDERS	UNIT	20178	20178		44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	2581	2581	
28000510	INLET FILTERS	EACH	52	52		44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	2688	2688	
35800100	PREPARATION OF BASE	SQ YD	520	520		44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	664	664	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	30	30		44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	118272	118272	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	108.3	108.3		48101200	AGGREGATE SHOULDERS, TYPE B	TON	220	220	
40600300	AGGREGATE (PRIME COAT)	TON	48.8	48.8		48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1281	1281	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	83	83		55039700	STORM SEWERS TO BE CLEANED	FOOT	1730	1730	
40600825	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50	TON	5804	5804		60250200	CATCH BASINS TO BE ADJUSTED	EACH	6	6	
40600895	CONSTRUCTING TEST STRIP	EACH	2	2		60255500	MANHOLES TO BE ADJUSTED	EACH	16	16	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4114	4114		60260100	INLETS TO BE ADJUSTED	EACH	2	2	
40600990	TEMPORARY RAMP	SQ YD	155	155		60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	22	22	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	4652	4652		60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	82	82	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	12317	12317		64200105	SHOULDER RUMBLE STRIP	FOOT	1200	1200	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	30	30		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5	
42001300	PROTECTIVE COAT	SQ YD	410	410		67100100	MOBILIZATION	L SUM	1	1	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	991	991		70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1526	1526		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	22	22	
42400800	DETECTABLE WARNINGS	SQ FT	60	60		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	10151	10151		70300100	SHORT-TERM PAVEMENT MARKING	FOOT	8360	8360	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	138172	138172		70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1482.4	1482.4	
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	392	392		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	95832	95832	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	6332	6332		70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	5720	5720	
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	200	200		70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	220	220	
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	5933	5933							
44003900	MEDIAN SURFACE REMOVAL AND REPLACEMENT	SQ FT	5200	5200							

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE		SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	1000 100% STATE		CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	1000 100% STATE
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2242	2242						
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1263	1263						
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	43988	43988						
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1482.4	1482.4						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	95832	95832						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5720	5720						
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	220	220						
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2242	2242						
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1263	1263						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1743	1743						
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	1400	1400						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1743	1743						
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1572	1572						
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	10	10						
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1148	1148						
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	3274	3274						
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	160	160						
X0322467	TEMPORARY INFORMATION SIGNING FOR LANE CLOSURES	SQ FT	220	220						
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	12	12						
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	18	18						
XX005656	INLET FILTER CLEANING	EACH	52	52						
XX006806	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	SQ YD	3815	3815						
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	5	5						
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1						

*SPECIALTY ITEMS

LONGO, INC.
CONSULTING ENGINEERS
1560 WALL ST, SUITE 222
NAPERVILLE, ILLINOIS 60563 PH: 630/577-9100

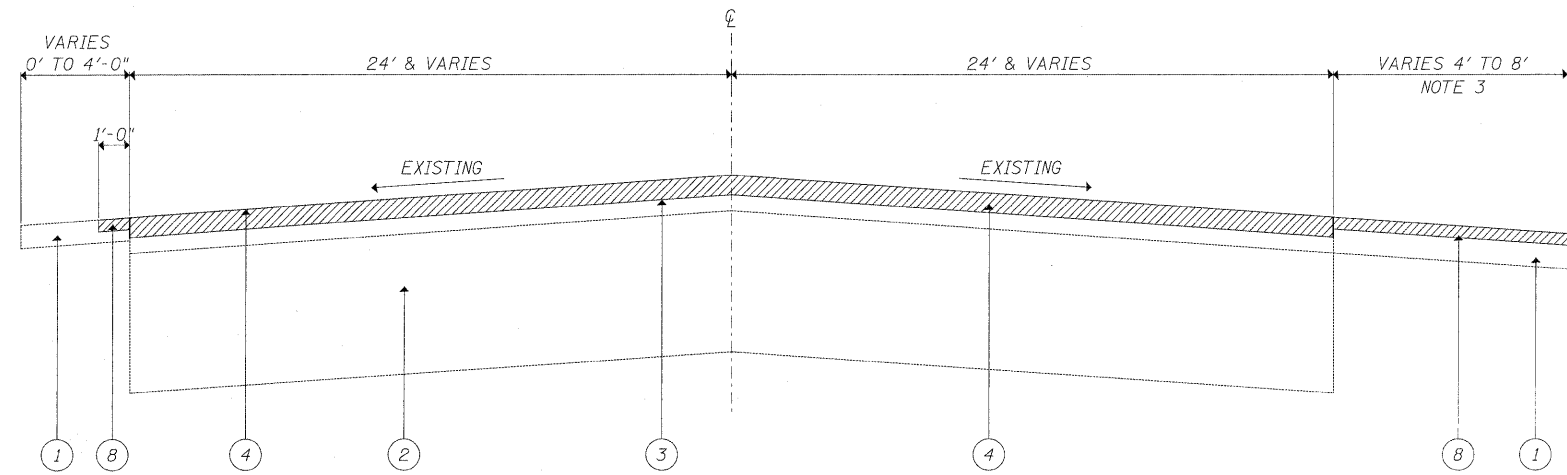
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PLOT DATE = #DATE#	DATE - 04/15/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

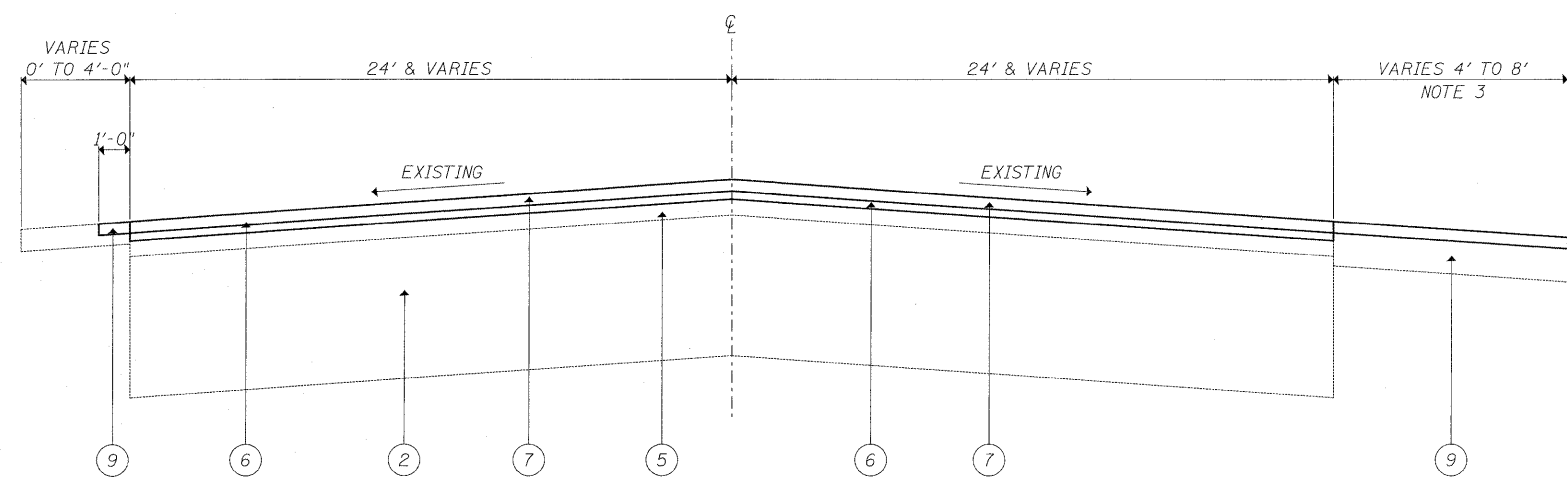
**SUMMARY OF QUANTITIES
IL ROUTE 25**

SCALE: NONE SHEET NO. 3 OF 17 SHEETS STA. 9+80 TO STA. 354+42

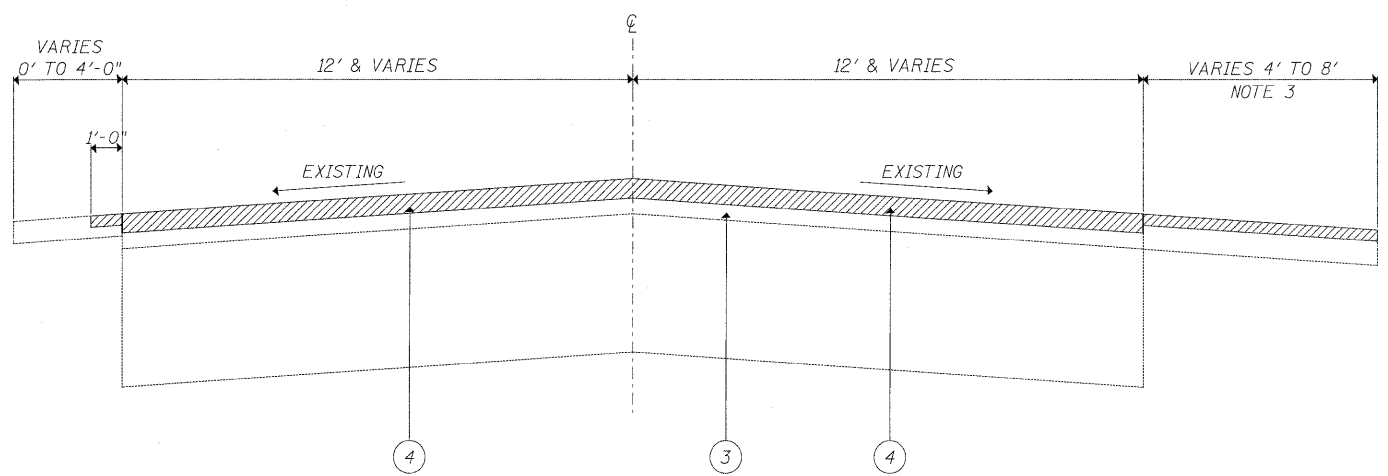
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D-91-523-09		CONTRACT NO. 60667		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXISTING TYPICAL SECTION W/ SHOULDERS



PROPOSED TYPICAL SECTION W/ SHOULDERS



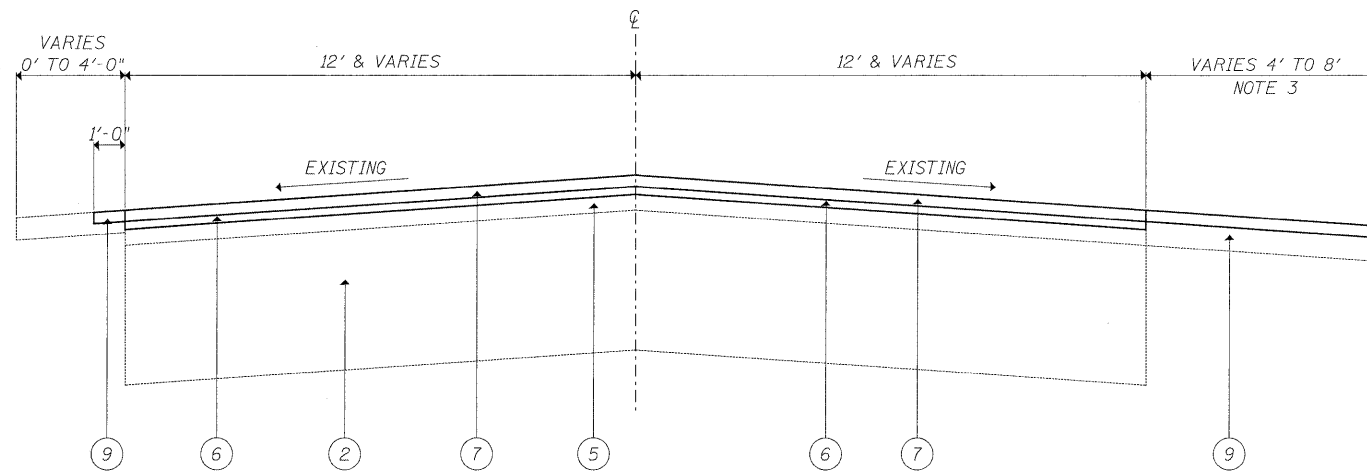
EXISTING TYPICAL SECTION W/ SHOULDERS

LEGEND

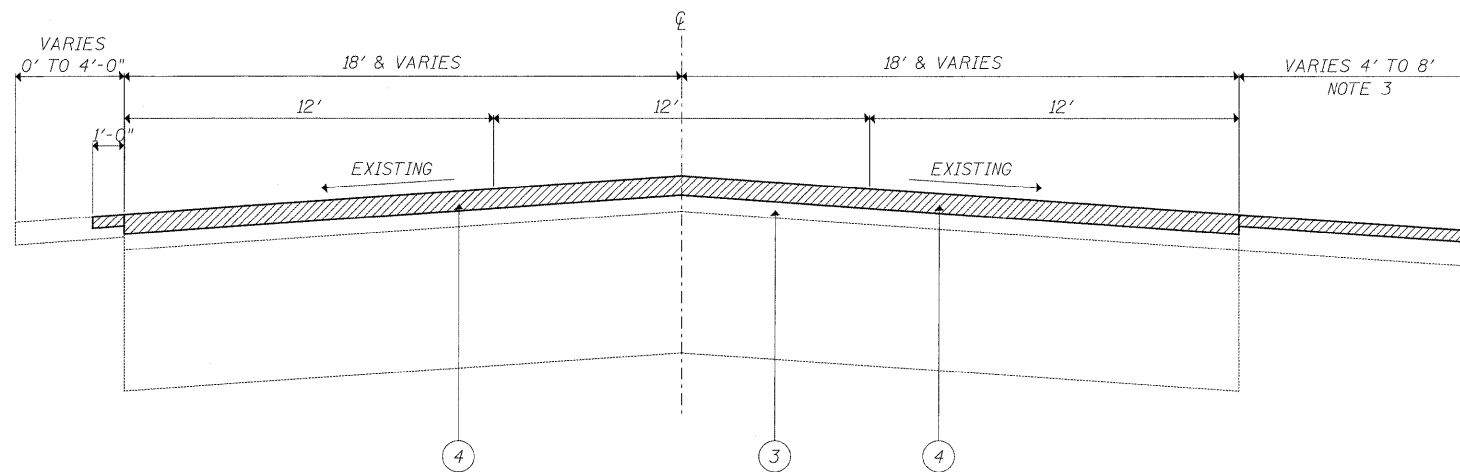
- ① EXISTING BITUMINOUS SHOULDER
- ② EXISTING P.C. CONCRETE PAVEMENT +/- 9"
- ③ EXISTING HMA SURFACE COURSE +/- 4 1/2"
- ④ PROPOSED HMA SURFACE REMOVAL (2 1/4 ")
- ⑤ EXISTING HMA SURFACE OVERLAY AFTER MILLING, +/- 2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50 (3/4")
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70 (1 3/4")
- ⑧ PROPOSED HMA SURFACE REMOVAL (1 1/2")
- ⑨ PROPOSED HMA SURFACE COURSE, MIX "D", N70 (1 1/2")

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC/PG	DESIGN AIR VOIDS
HMA SURFACE COURSE, MIX D, N70. (IL-9.5 mm)	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD). IL-4.75, N50	SBS-SBR PG 76-28/22	4% @ 50 GYR
CLASS D PATCHES (HMA BINDER IL 19 mm)	PG 64-22*	4% @ 70 GYR
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL 19 mm)	PG 64-22*	4% @ 70 GYR

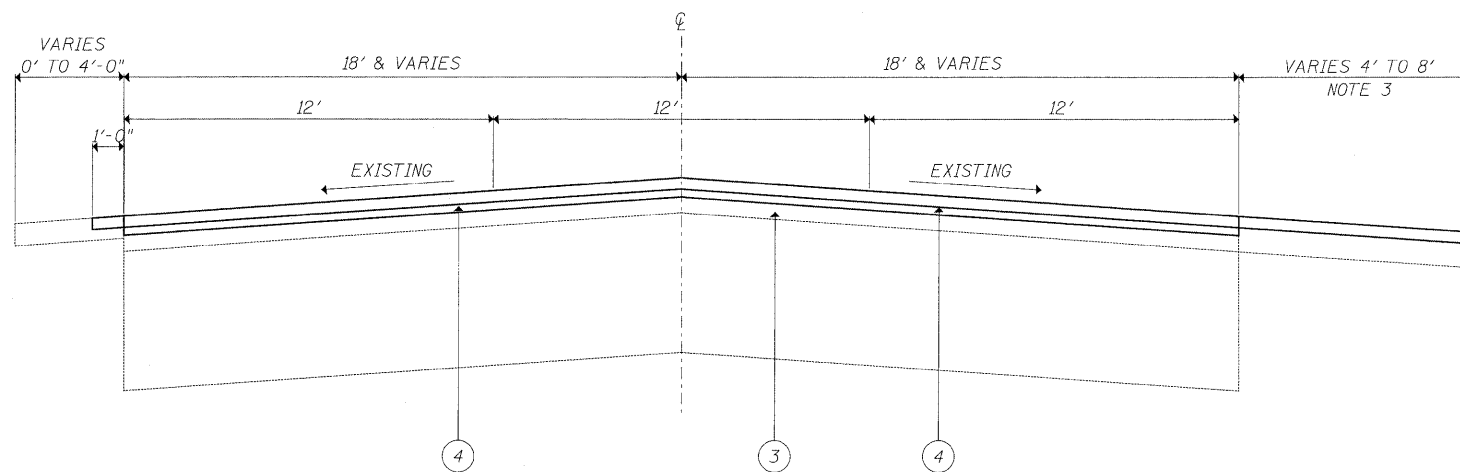
- NOTE:**
- 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LSB/SQYD/IN. *WHEN RAP EXCEEDS 20%. THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
 - 2: THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING * PARKING LANES ARE FROM STA XX+XX TO STA XX+XX
 - 3: WHEN SHOULDER WIDENS GREATER THAN 4', SURFACE REMOVAL AND REPLACEMENT WILL COVER WIDTH OF SHOULDER



PROPOSED TYPICAL SECTION W/ SHOULDERS



EXISTING TYPICAL SECTION W/ SHOULDERS



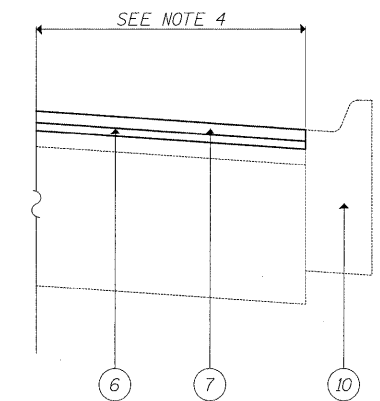
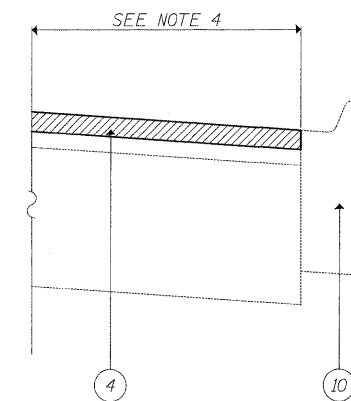
PROPOSED TYPICAL SECTION W/ SHOULDERS

LEGEND

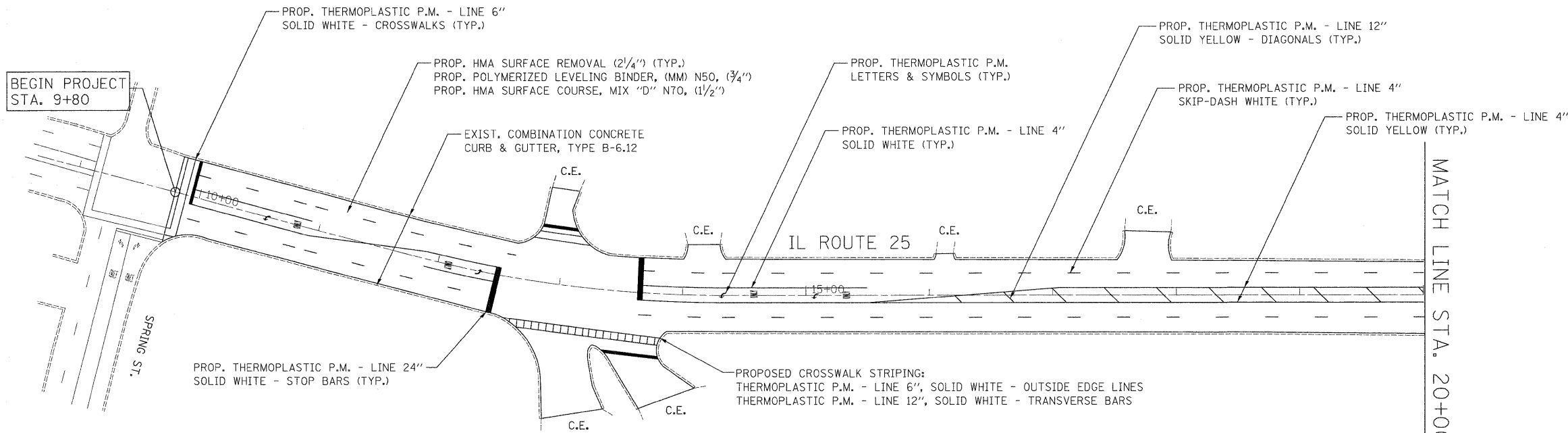
- ① EXISTING BITUMINOUS SHOULDER
- ② EXISTING P.C. CONCRETE PAVEMENT +/- 9"
- ③ EXISTING HMA SURFACE COURSE +/- 4 1/2"
- ④ PROPOSED HMA SURFACE REMOVAL (2 1/4")
- ⑤ EXISTING HMA SURFACE OVERLAY AFTER MILLING, +/- 2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50 (3/4")
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70 (1 3/4")
- ⑧ PROPOSED HMA SURFACE REMOVAL (1 1/2")
- ⑨ PROPOSED HMA SURFACE COURSE, MIX "D", N70 (1 1/2")

NOTE:

- 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LSB/SQYD/IN. *WHEN RAP EXCEEDS 20%. THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
- 2: THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING * PARKING LANES ARE FROM STA XX+XX TO STA XX+XX
- 3: WHEN SHOULDER WIDENS GREATER THAN 4', SURFACE REMOVAL AND REPLACEMENT WILL COVER WIDTH OF SHOULDER
- 4: CONCRETE CURB AND GUTTER SHOWN AT VARIOUS LOCATIONS AS DETAILED IN THE PLANS

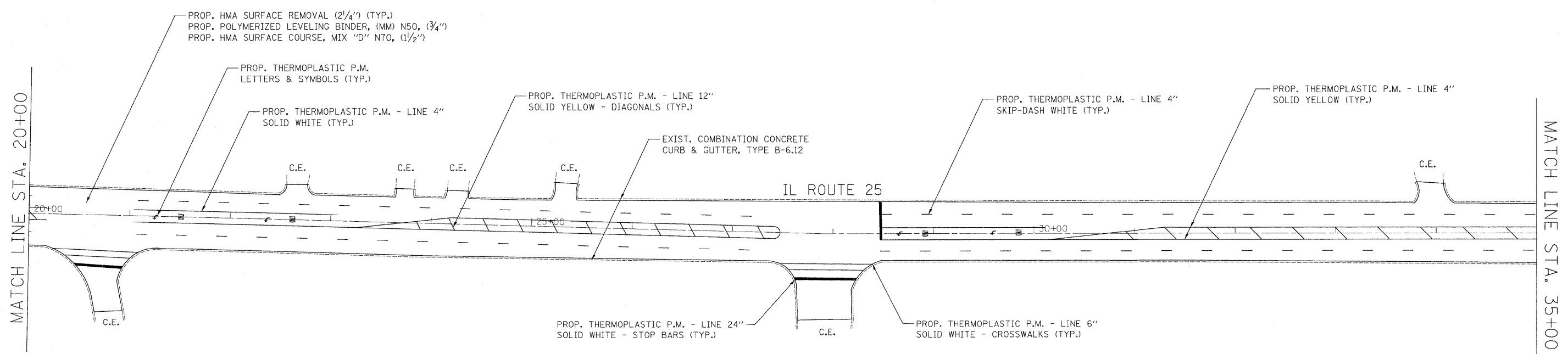
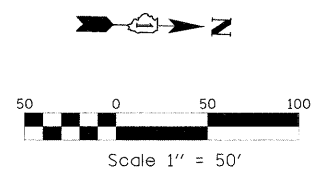


PROPOSED TYPICAL SECTION W/ CURB AND GUTTERS



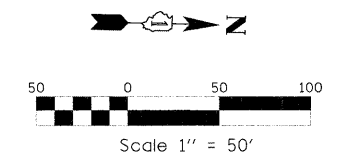
GENERAL NOTES:

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
2. HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SHALL BE PLACED AT THE FINAL 30' OF RESURFACING LIMITS OF MAINLINE AND SIDEROADS, UNLESS OTHERWISE SPECIFIED.
3. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)" (TC-11).
4. ALL PROPOSED PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" (TC-13).
5. THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE SHALL BE PLACED ALONG 2" FROM EDGE OF PAVEMENT WHERE AGGREGATE OR HMA SHOULDER IS PRESENT.
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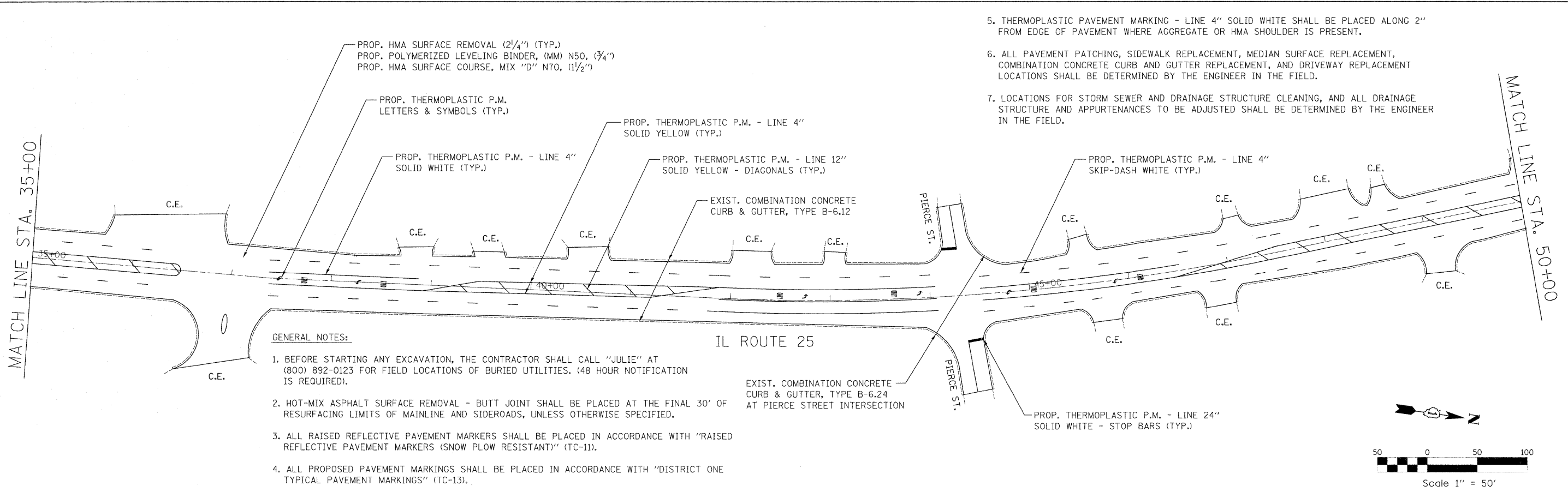


GENERAL NOTES (CONT.):

8. IN ADDITION TO FIELD REVIEW AND AERIAL DATA, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE BID PRICE FOR THE WORK.
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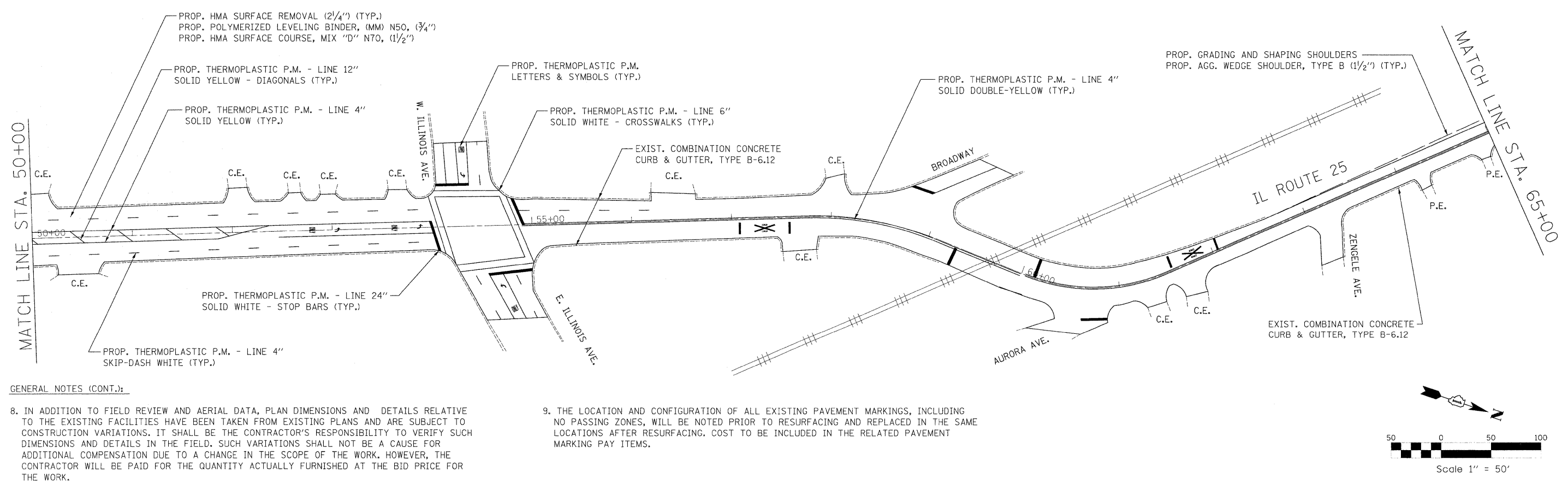
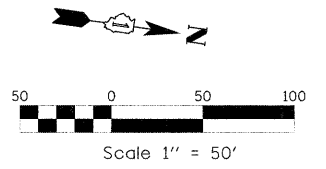


FILE NAME = ...V\017\Aurora-Batavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 7		
PLOT SCALE = 50:1,000 1/4" / IN.	CHECKED - FML	DATE - 04/2009	REVISED -			SCALE: 1"=50'	SHEET NO. 01 OF 12 SHEETS	STA. 9+80 TO STA. 35+00	CONTRACT NO. 60G67			
PLOT DATE = 4/15/2009	DATE - 04/2009	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



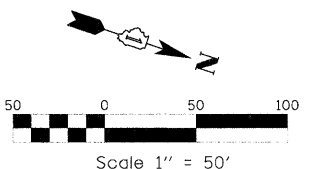
GENERAL NOTES:

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
2. HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SHALL BE PLACED AT THE FINAL 30' OF RESURFACING LIMITS OF MAINLINE AND SIDEROADS, UNLESS OTHERWISE SPECIFIED.
3. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)" (TC-11).
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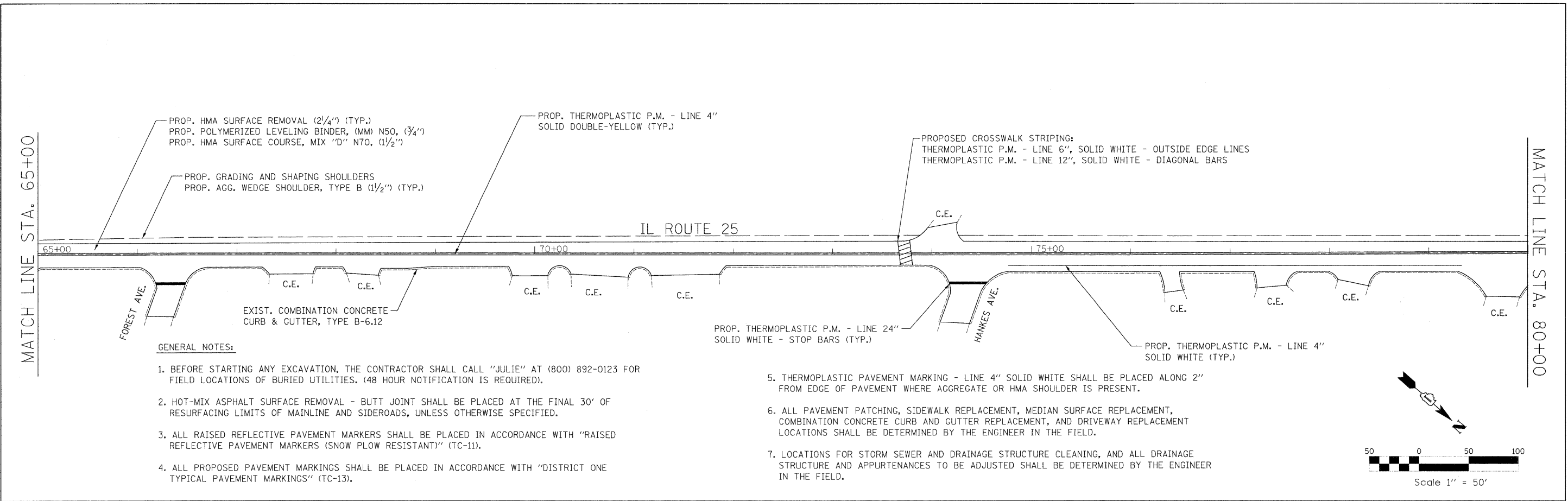


GENERAL NOTES (CONT.):

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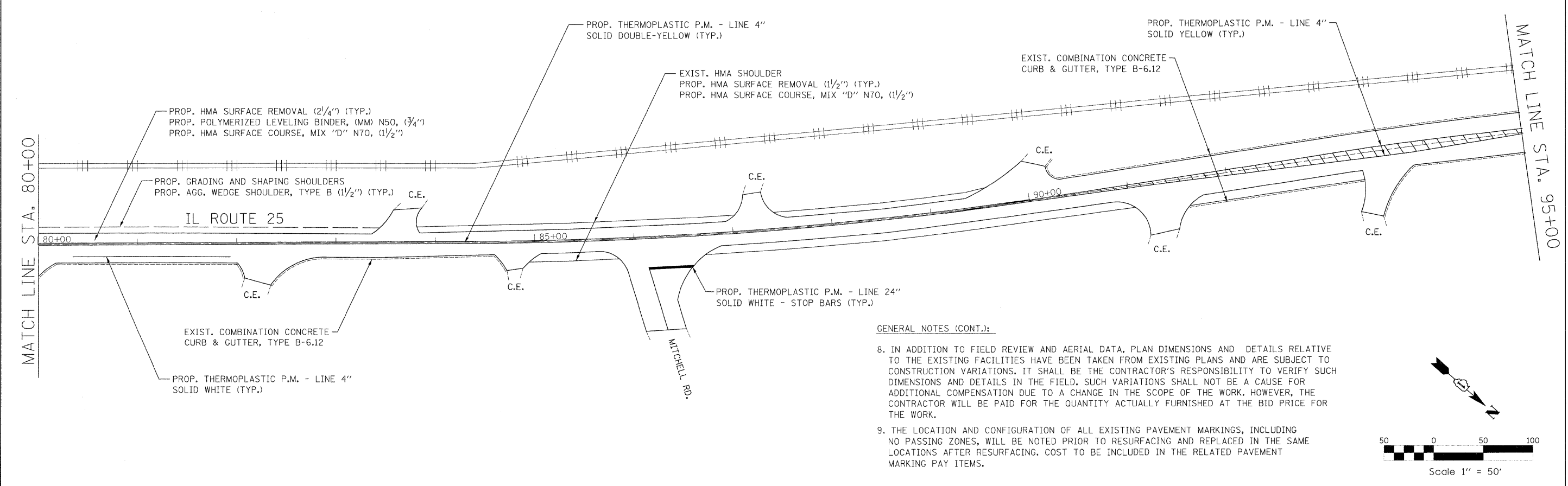


FILE NAME = ...W017\Aurora-Botavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 8		
PLOT SCALE = 50:0.0000 ' / IN.	CHECKED - FML	REVISED -	SCALE: 1"=50'			SHEET NO. 02 OF 12 SHEETS	STA. 35+00 TO STA. 65+00	CONTRACT NO. 60G67				
PLOT DATE = 4/15/2009	DATE - 04/2009	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									



GENERAL NOTES:

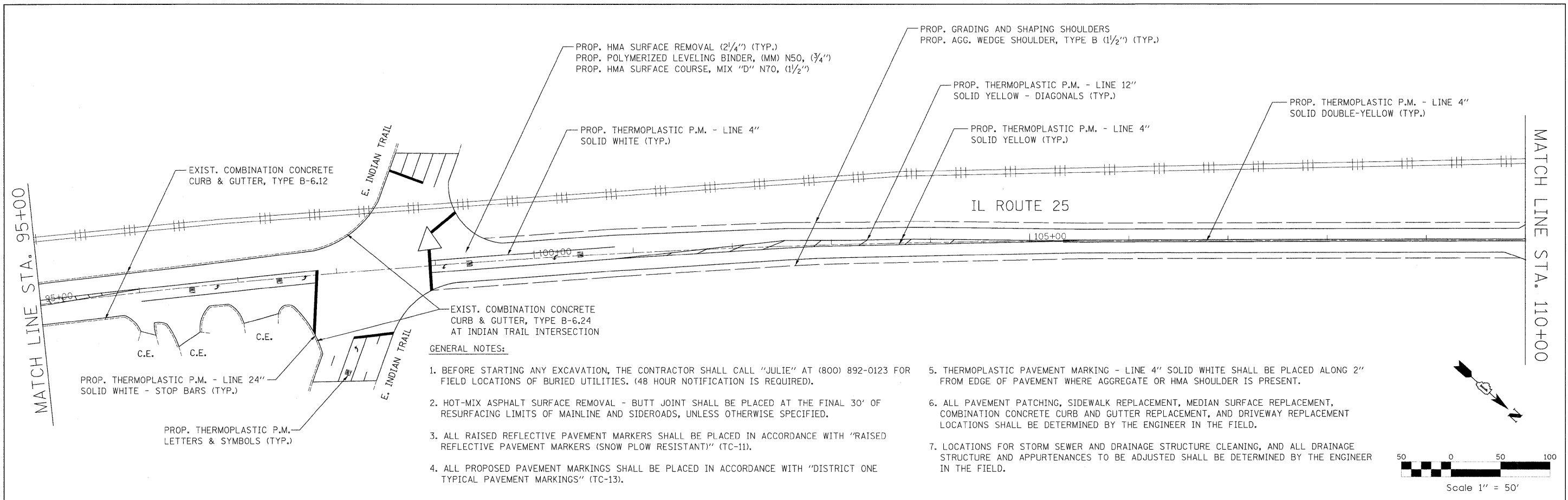
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GENERAL NOTES (CONT.):

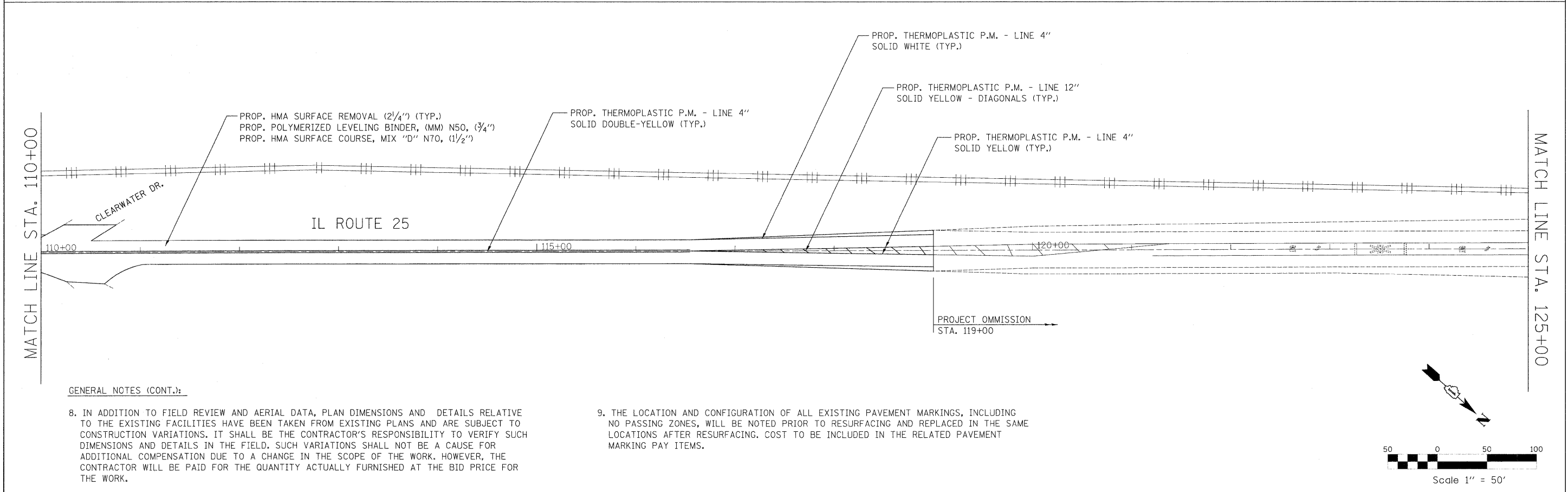
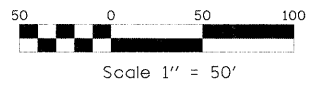
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FILE NAME = ...W017\Aurora-Batavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 9
PLOT SCALE = 50:0.0000 ' / IN.	CHECKED - FML	DATE - 04/2009	REVISED -		SCALE: 1"=50'	SHEET NO. 03 OF 12 SHEETS	STA. 65+00 TO STA. 95+00	CONTRACT NO. 60G67				
PLOT DATE = 4/15/2009	DATE - 04/2009	REVISED -	REVISED -		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							



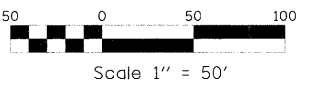
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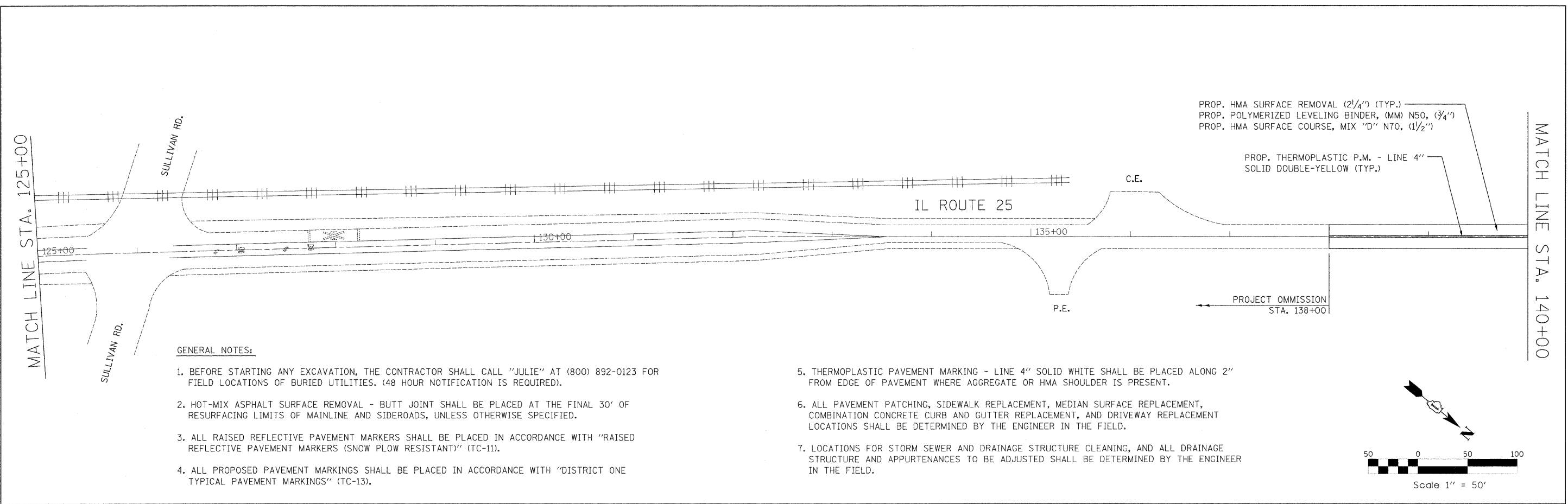


GENERAL NOTES (CONT.):

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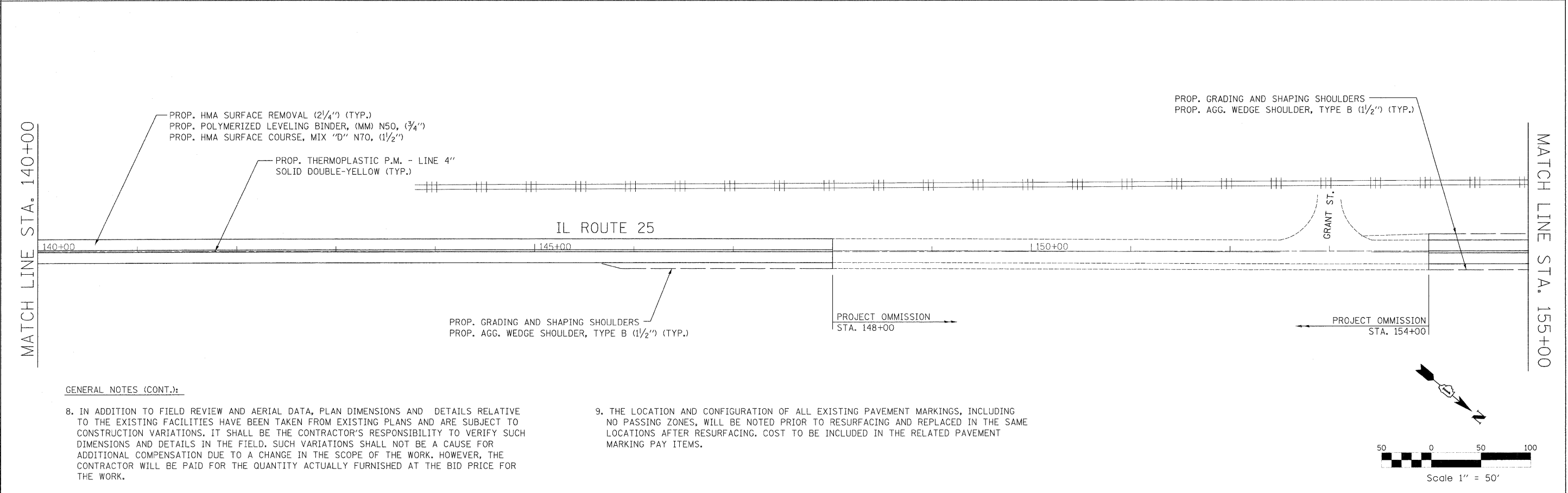


FILE NAME = ...\\WG17\Aurora-Batavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS	ROADWAY AND PAVEMENT MARKING PLAN	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 10
	PLOT SCALE = 50:0.0000 ' / IN.	DRAWN - TP	REVISED -	DEPARTMENT OF TRANSPORTATION	IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	SCALE: 1"=50'		SHEET NO. 04 OF 12 SHEETS		STA. 95+00 TO STA. 125+00
	PLOT DATE = 4/15/2009	CHECKED - FML	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60667		



GENERAL NOTES:

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
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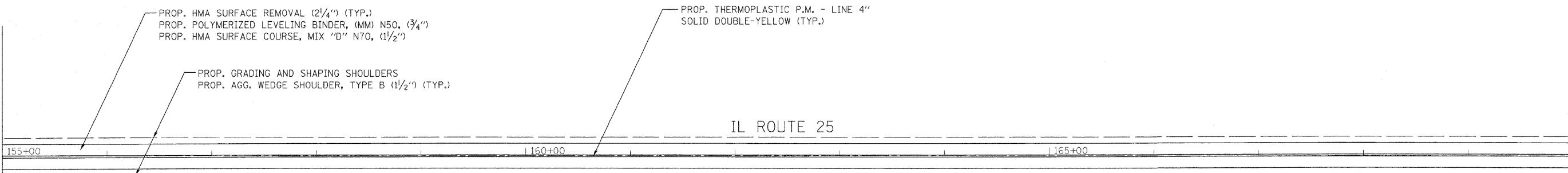
GENERAL NOTES (CONT.):

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FILE NAME = ...\\W017\Aurora-Batavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED - -----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 11
PLOT SCALE = 500.0000 ' / IN.					CHECKED - FML	SCALE: 1"=50'	SHEET NO. 05 OF 12 SHEETS	STA. 125+00 TO STA. 155+00	CONTRACT NO. 60G67			
PLOT DATE = 4/15/2009					DATE - 04/2009	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						
					REVISED - -----							

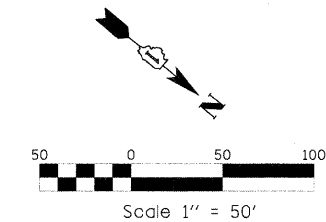
MATCH LINE STA. 155+00

MATCH LINE STA. 170+00



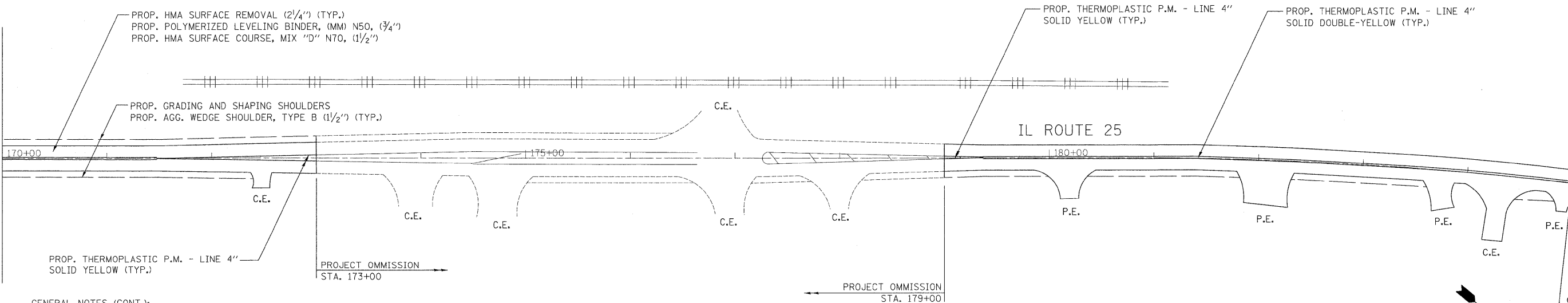
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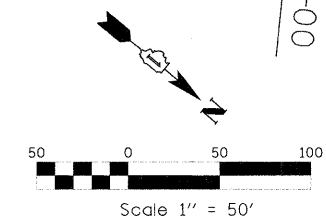
MATCH LINE STA. 170+00

MATCH LINE STA. 185+00

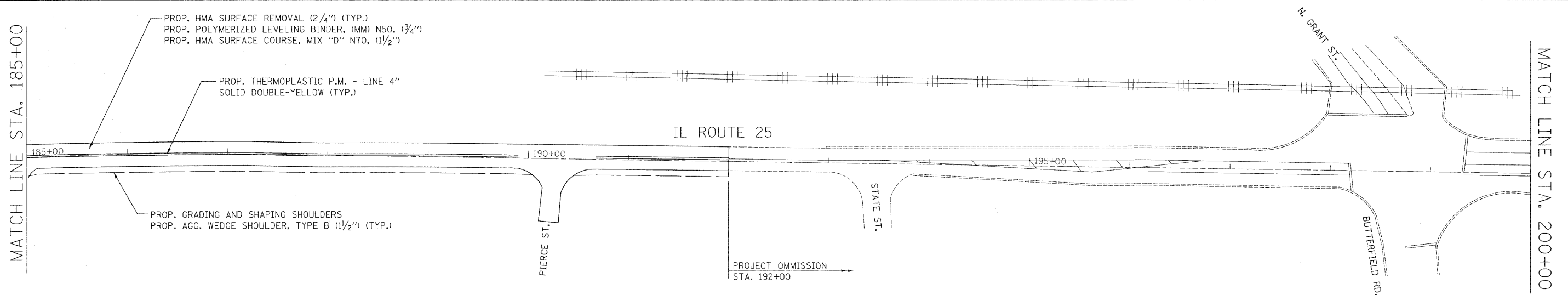


GENERAL NOTES (CONT.):

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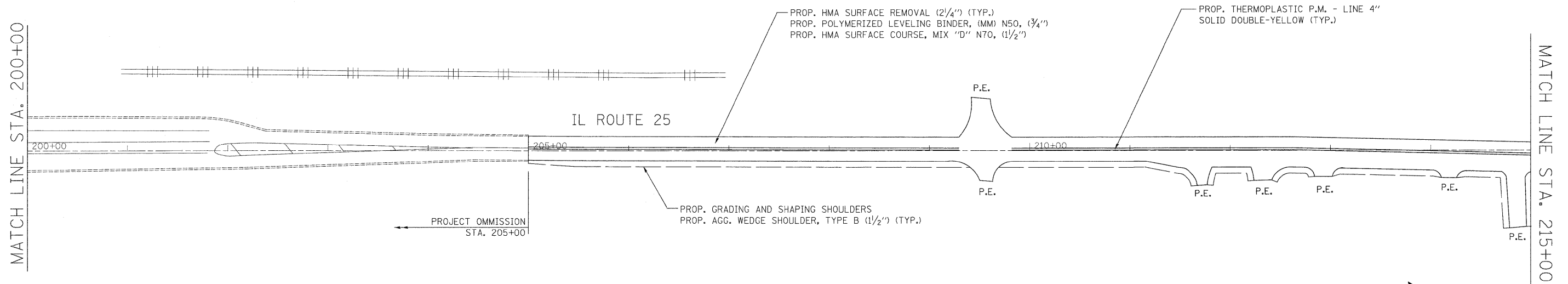
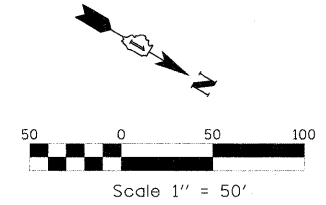


FILE NAME = ...\\WDI7\Aurora-Batavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 12		
PLOT SCALE = 50x0.0000' / IN.	CHECKED - FML	DATE - 04/2009	REVISED -			SCALE: 1"=50'	SHEET NO. 06 OF 12 SHEETS	STA. 155+00 TO STA. 185+00	CONTRACT NO. 60G67			
PLOT DATE = 4/15/2009	DATE - 04/2009	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



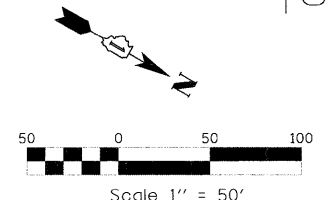
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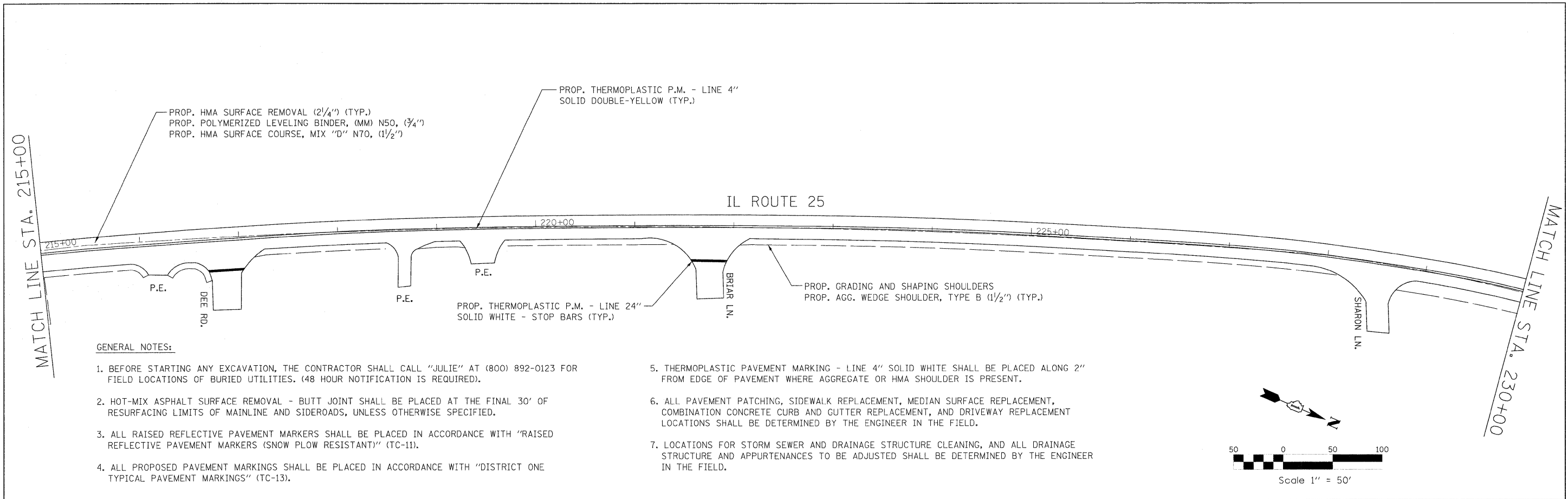


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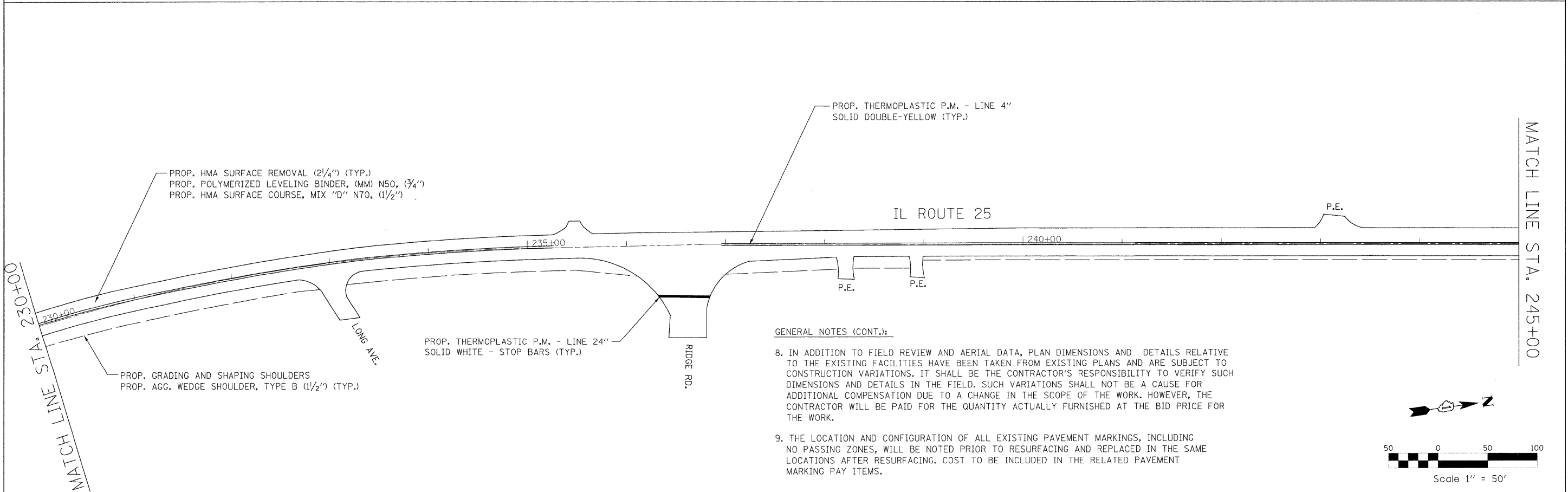
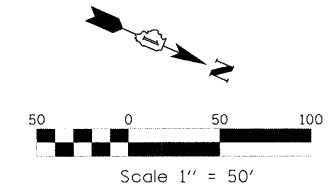


FILE NAME = ...W017\Aurora-Batavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 13		
	PLOT SCALE = 50x0.0000' / IN.	DRAWN - TP	REVISED -			SCALE: 1"=50'	SHEET NO. 07 OF 12 SHEETS	STA. 185+00 TO STA. 215+00	CONTRACT NO. 60G67			
	PLOT DATE = 4/15/2009	CHECKED - FML	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
		DATE - 04/2009	REVISED -									



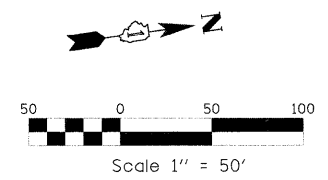
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3. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)" (TC-11).
4. ALL PROPOSED PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" (TC-13).
5. THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE SHALL BE PLACED ALONG 2" FROM EDGE OF PAVEMENT WHERE AGGREGATE OR HMA SHOULDER IS PRESENT.
6. ALL PAVEMENT PATCHING, SIDEWALK REPLACEMENT, MEDIAN SURFACE REPLACEMENT, COMBINATION CONCRETE CURB AND GUTTER REPLACEMENT, AND DRIVEWAY REPLACEMENT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
7. LOCATIONS FOR STORM SEWER AND DRAINAGE STRUCTURE CLEANING, AND ALL DRAINAGE STRUCTURE AND APPURTENANCES TO BE ADJUSTED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.



GENERAL NOTES (CONT.):

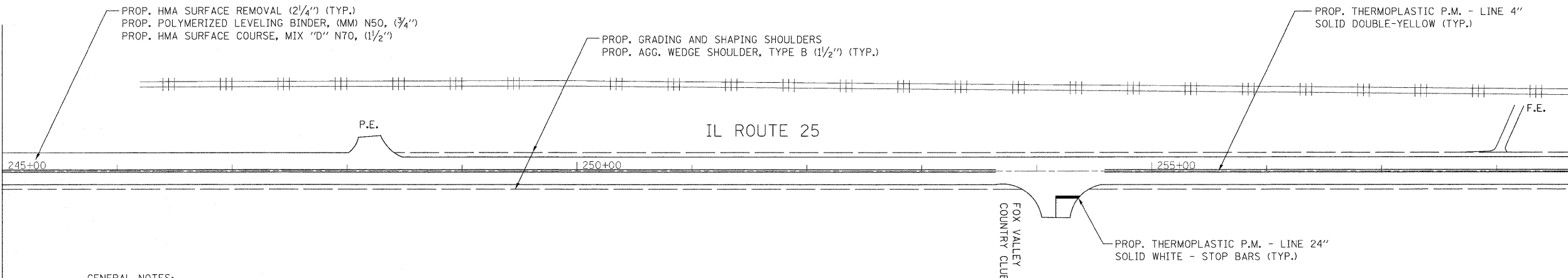
8. IN ADDITION TO FIELD REVIEW AND AERIAL DATA, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE BID PRICE FOR THE WORK.
9. THE LOCATION AND CONFIGURATION OF ALL EXISTING PAVEMENT MARKINGS, INCLUDING NO PASSING ZONES, WILL BE NOTED PRIOR TO RESURFACING AND REPLACED IN THE SAME LOCATIONS AFTER RESURFACING. COST TO BE INCLUDED IN THE RELATED PAVEMENT MARKING PAY ITEMS.



FILE NAME = ...\\V017\Aurora-Botavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 14		
						SCALE: 1"=50' SHEET NO. 08 OF 12 SHEETS STA. 215+00 TO STA. 245+00		CONTRACT NO. 60667				
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

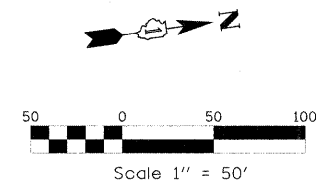
MATCH LINE STA. 245+00

MATCH LINE STA. 260+00



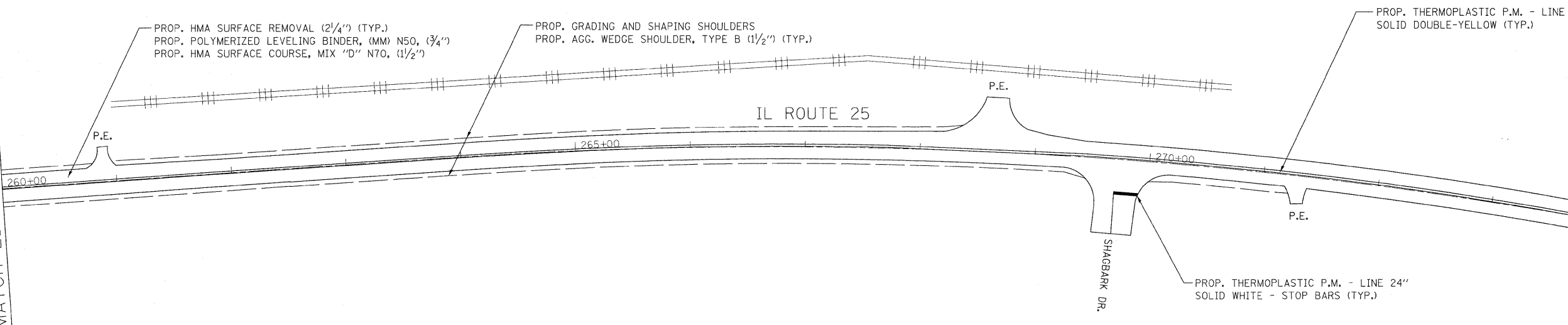
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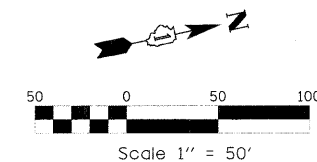
MATCH LINE STA. 260+00

MATCH LINE STA. 275+00



GENERAL NOTES (CONT.):

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FILE NAME = ...\\W017\Aurora-Batavia\Sheets.dgn

USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -
PLOT SCALE = 50:0.0000 ' / IN.	DRAWN - TP	REVISED -
PLOT DATE = 4/15/2009	CHECKED - FML	REVISED -
	DATE - 04/2009	REVISED -

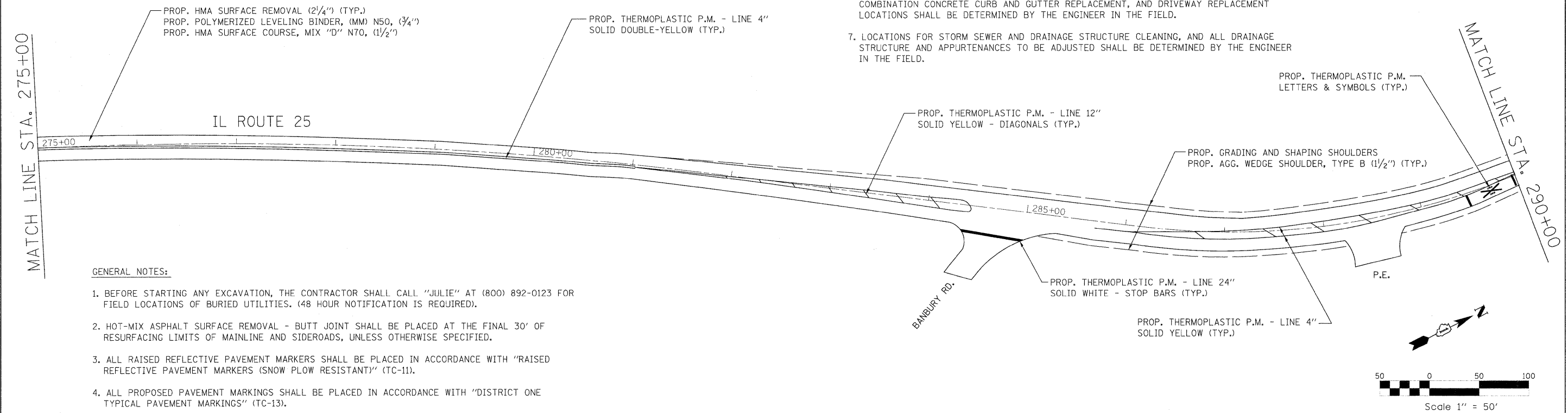
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET**

SCALE: 1"=50' SHEET NO. 09 OF 12 SHEETS STA. 245+00 TO STA. 275+00

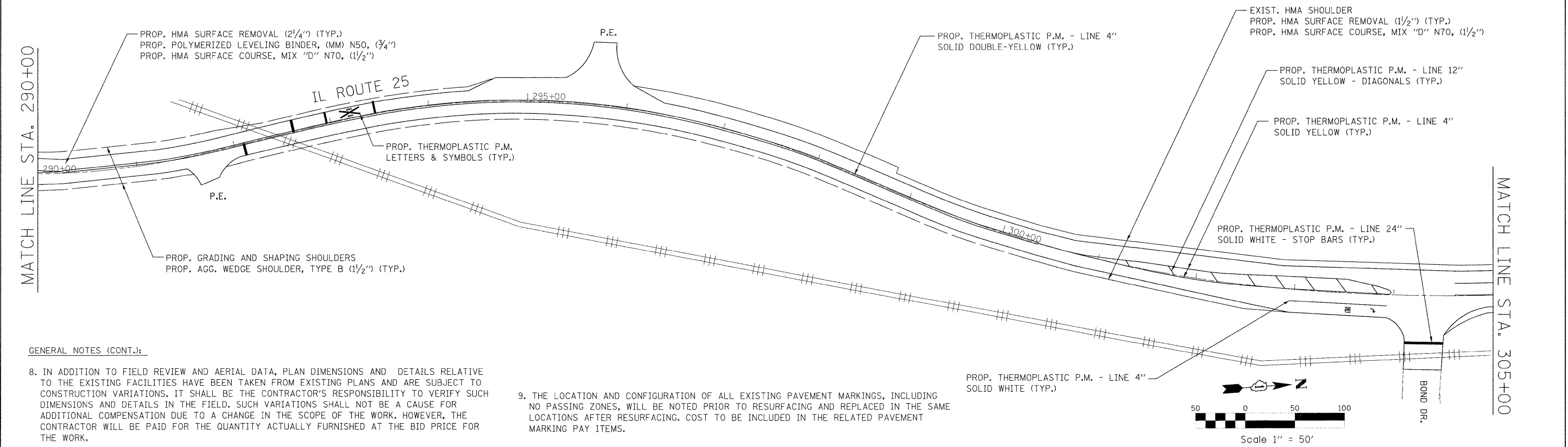
F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G67	

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GENERAL NOTES:

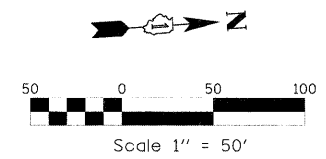
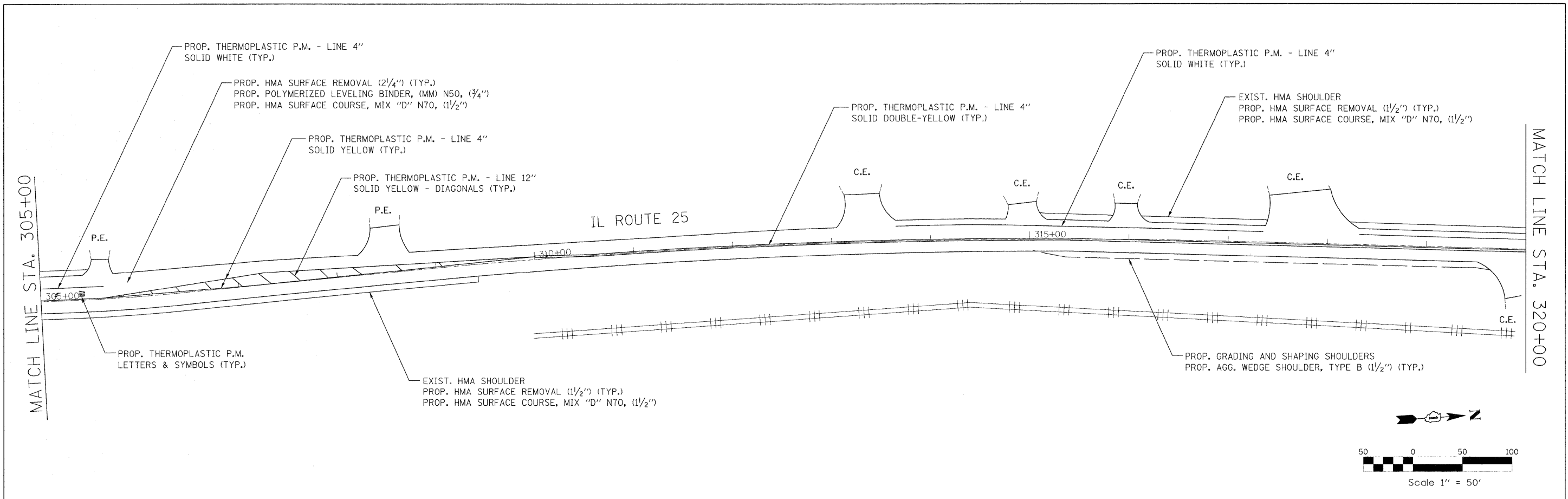
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GENERAL NOTES (CONT.):

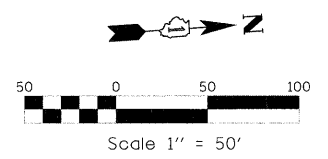
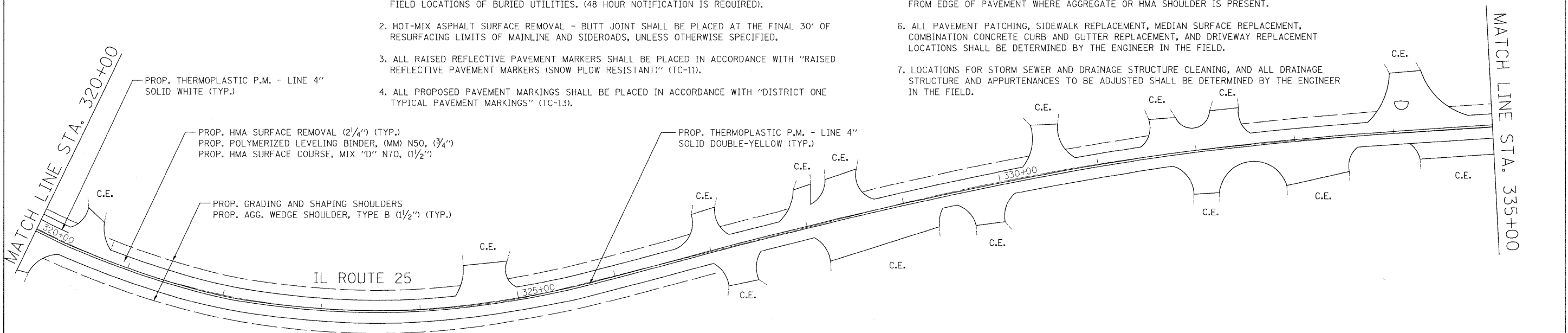
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FILE NAME = ...\\WD17\Aurora-Batavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET		F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 16	
	PLOT SCALE = 50:0.0000 ' / IN.	DRAWN - TP	REVISED -		SCALE: 1"=50'	SHEET NO. 10 OF 12 SHEETS	STA. 275+00 TO STA. 305+00	CONTRACT NO. 60667				
	PLOT DATE = 4/15/2009	CHECKED - FML	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 04/2009	REVISED -									



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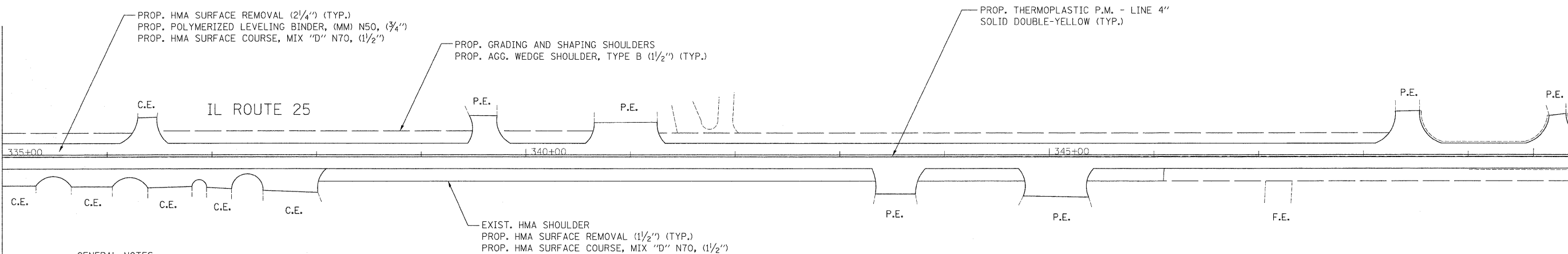
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FILE NAME = ...W017\Aurora-Batavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 17		
PLOT SCALE = 5000.0000 ' / IN.	CHECKED - FML	REVISED -	SCALE: 1"=50'			SHEET NO. 11 OF 12 SHEETS	STA. 305+00 TO STA. 335+00	CONTRACT NO. 60G67				
PLOT DATE = 4/15/2009	DATE - 04/2009	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									

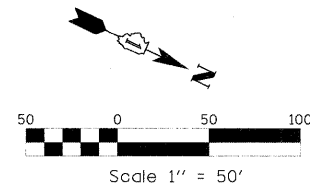
MATCH LINE STA. 335+00

MATCH LINE STA. 350+00



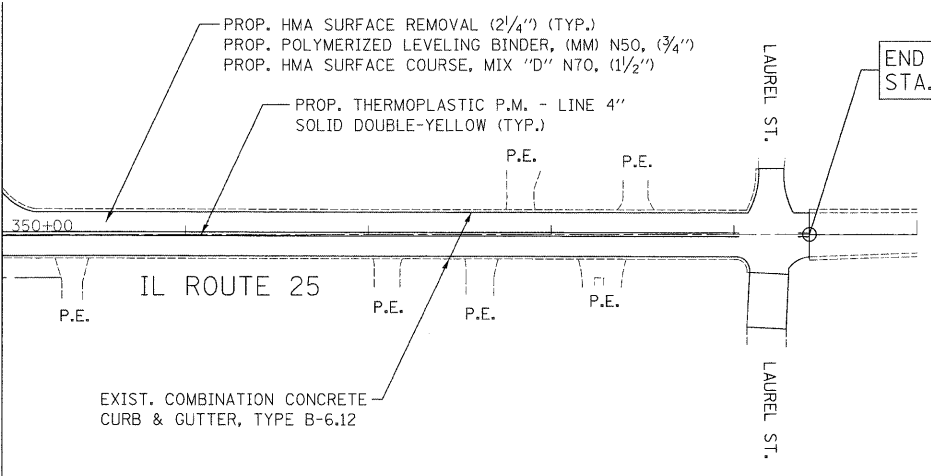
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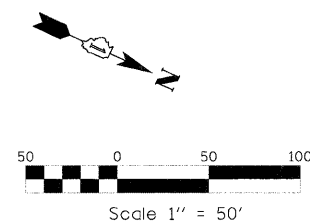
MATCH LINE STA. 350+00

END PROJECT STA. 354+42



GENERAL NOTES (CONT.):

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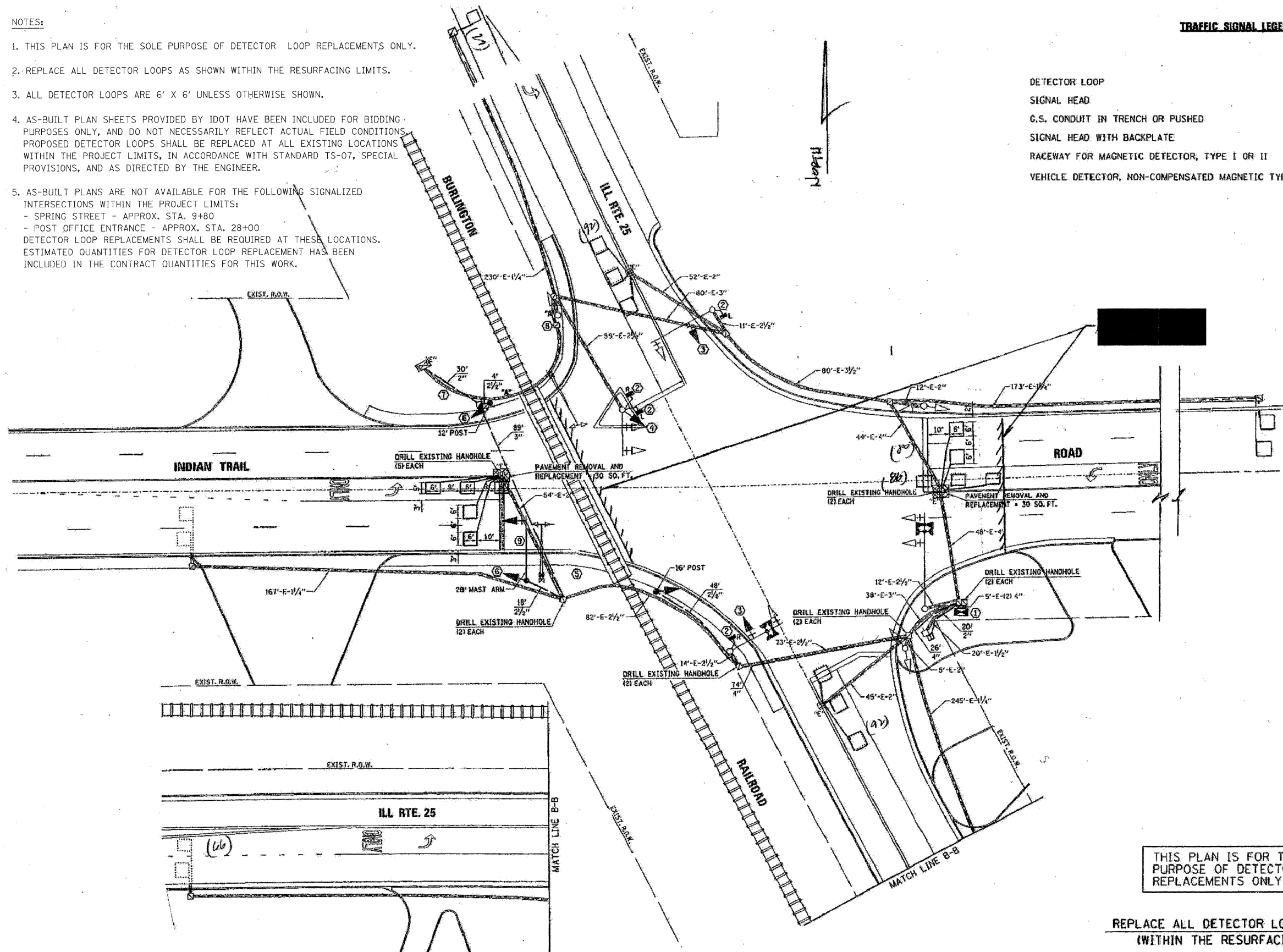
FILE NAME = ...\\W017\Aurora-Betavia\Sheets.dgn	USER NAME = Plotted by Administrator	DESIGNED - TP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 18
	PLOT SCALE = 50x0.0000 ' / IN.	DRAWN - TP	REVISED -		SCALE: 1"=50'	SHEET NO. 12 OF 12 SHEETS	STA. 335+00 TO STA. 354+42	CONTRACT NO. 60667				
	PLOT DATE = 4/15/2009	CHECKED - FML	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 04/2009	REVISED -									

NOTES:

1. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY.
2. REPLACE ALL DETECTOR LOOPS AS SHOWN WITHIN THE RESURFACING LIMITS.
3. ALL DETECTOR LOOPS ARE 6' X 6' UNLESS OTHERWISE SHOWN.
4. AS-BUILT PLAN SHEETS PROVIDED BY IDOT HAVE BEEN INCLUDED FOR BIDDING PURPOSES ONLY, AND DO NOT NECESSARILY REFLECT ACTUAL FIELD CONDITIONS. PROPOSED DETECTOR LOOPS SHALL BE REPLACED AT ALL EXISTING LOCATIONS WITHIN THE PROJECT LIMITS, IN ACCORDANCE WITH STANDARD TS-07, SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER.
5. AS-BUILT PLANS ARE NOT AVAILABLE FOR THE FOLLOWING SIGNALIZED INTERSECTIONS WITHIN THE PROJECT LIMITS:
 - SPRING STREET - APPROX. STA. 9+80
 - POST OFFICE ENTRANCE - APPROX. STA. 28+00
 DETECTOR LOOP REPLACEMENTS SHALL BE REQUIRED AT THESE LOCATIONS. ESTIMATED QUANTITIES FOR DETECTOR LOOP REPLACEMENT HAS BEEN INCLUDED IN THE CONTRACT QUANTITIES FOR THIS WORK.

TRAFFIC SIGNAL LEGEND

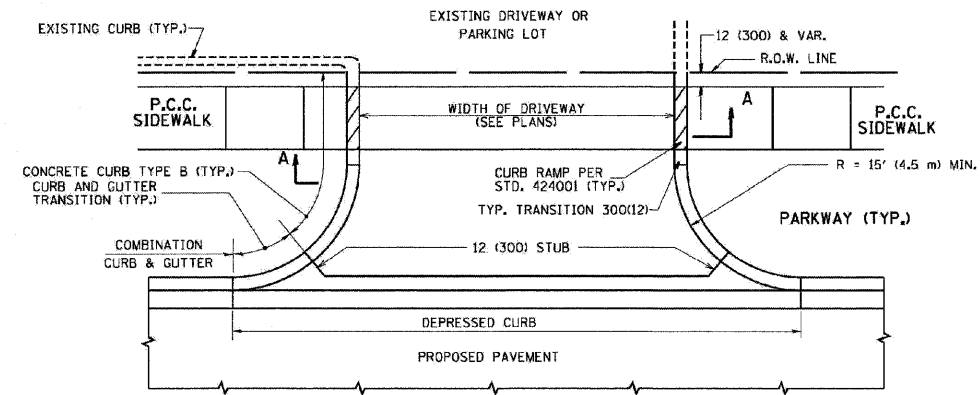
	PROPOSED	EXISTING
DETECTOR LOOP		
SIGNAL HEAD		
G.S. CONDUIT IN TRENCH OR PUSHED		
SIGNAL HEAD WITH BACKPLATE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR II		
VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE		



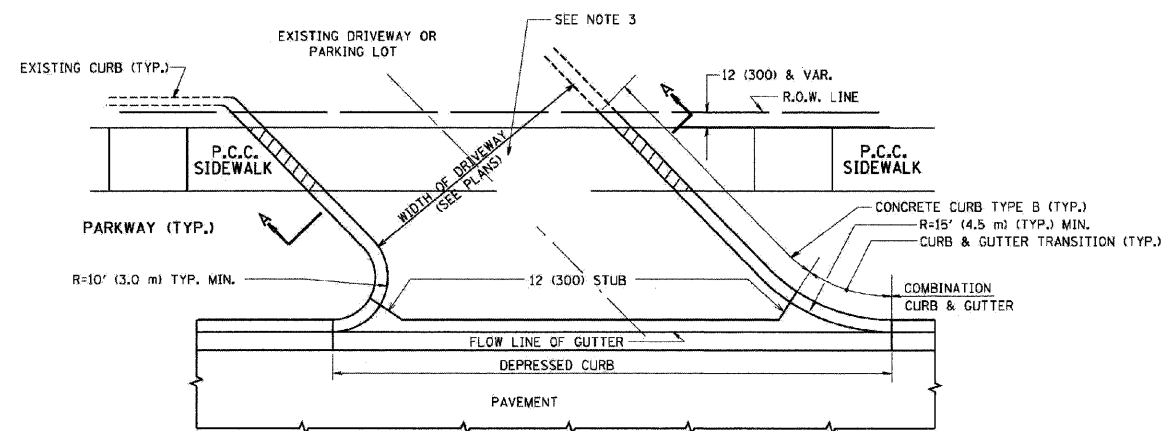
THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

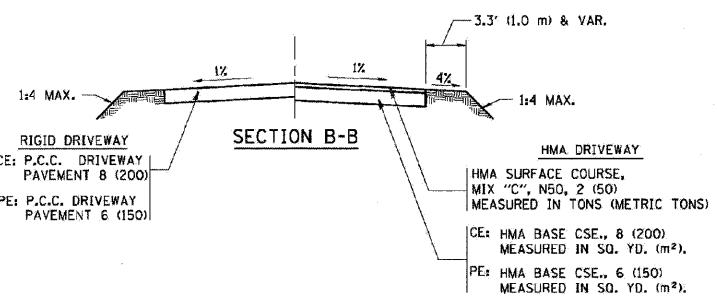
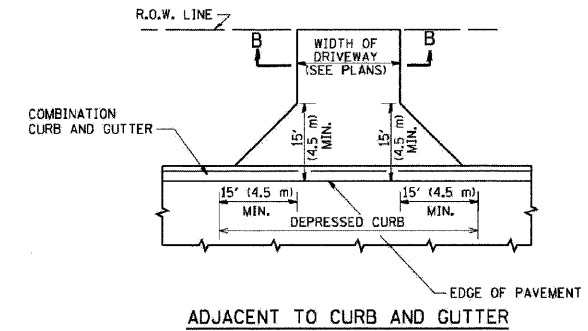
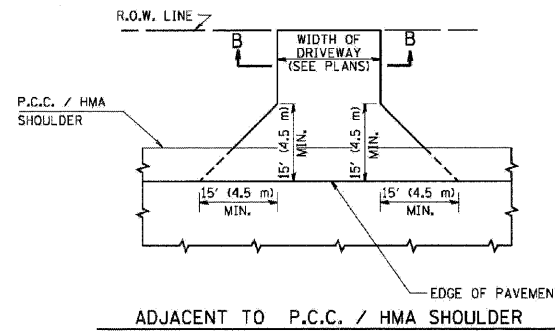
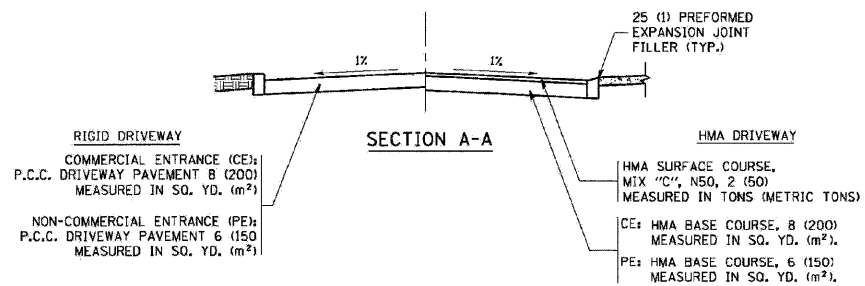
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						SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67	
						FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

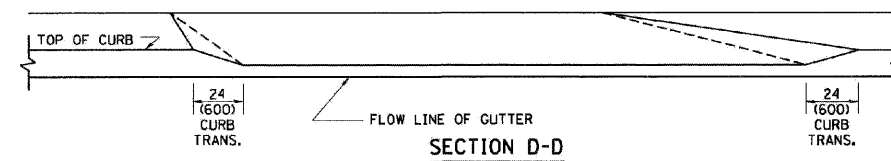
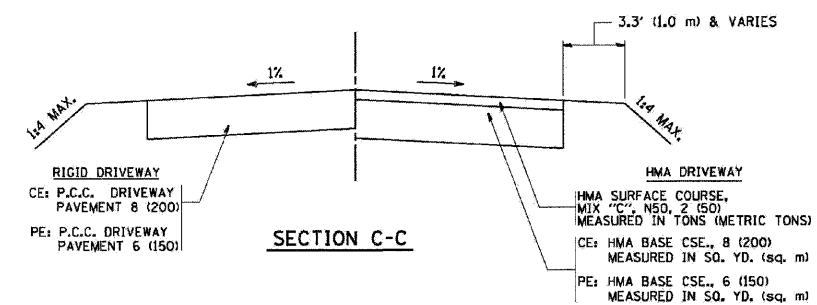
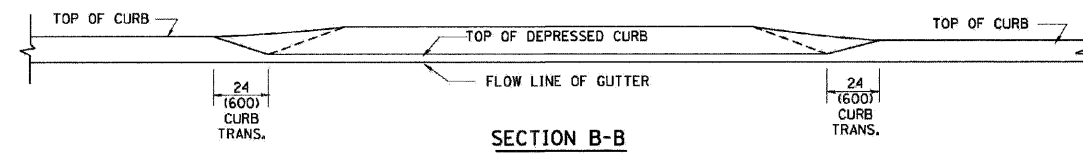
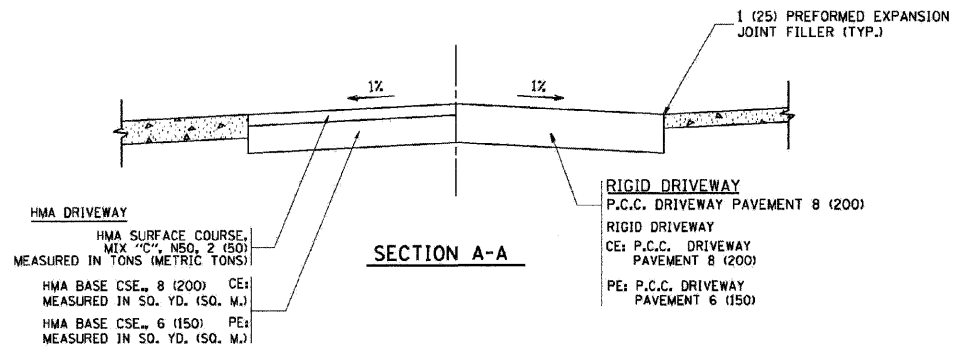
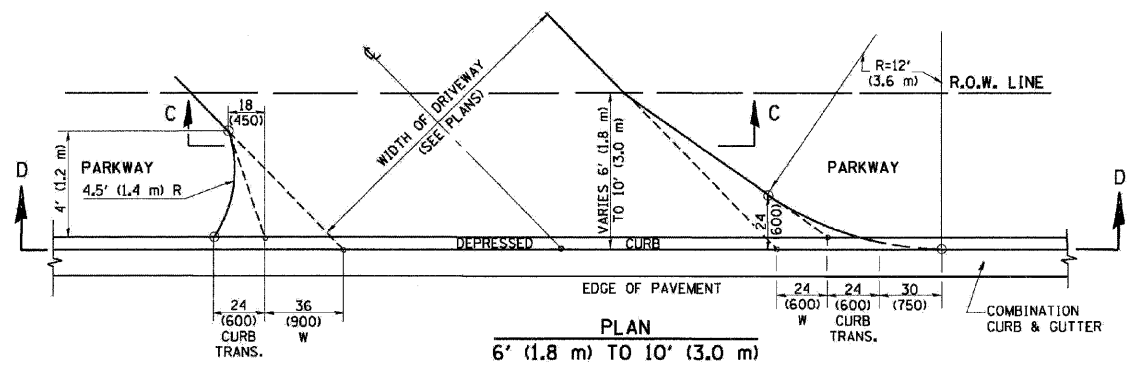
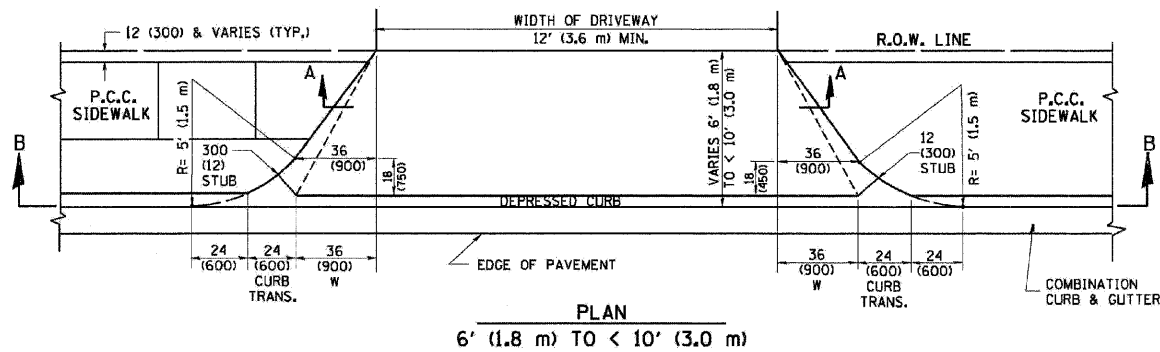
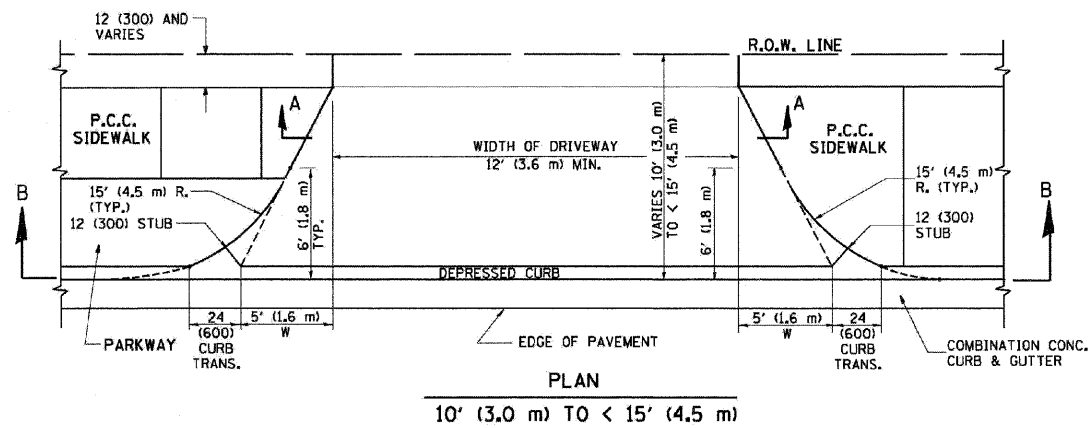
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15'

FILE NAME = ...Aurora-Betavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET		F.A.U. RTE. 2503	SECTION (53 + 54) RST	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 22	
PLOT SCALE = 25.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 17 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67				
PLOT DATE = 4/15/2009	DATE - 4/2009	REVISED -	REVISED -		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT							



GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

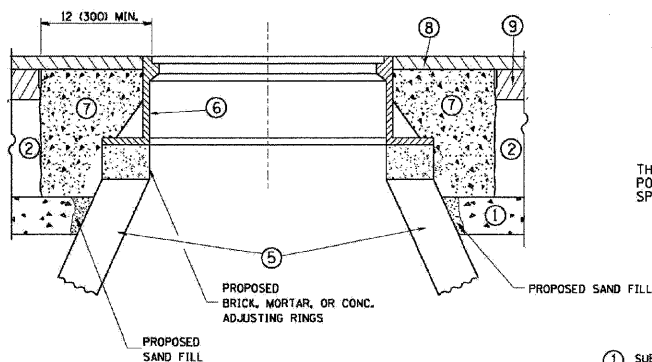
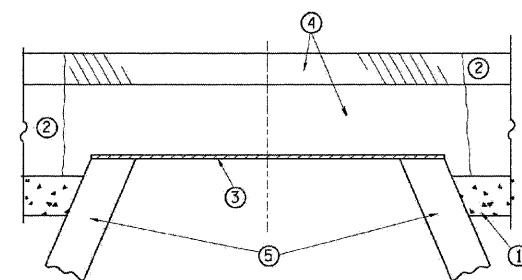
THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15'

FILE NAME = ...\\Aurora-Betavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 23
	PLOT SCALE = 25.0000' / IN.	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 2 OF 17 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67				
	PLOT DATE = 4/15/2009	CHECKED -	REVISED -									
		DATE - 4/2009	REVISED -		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT							



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS S1 CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS S1 CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

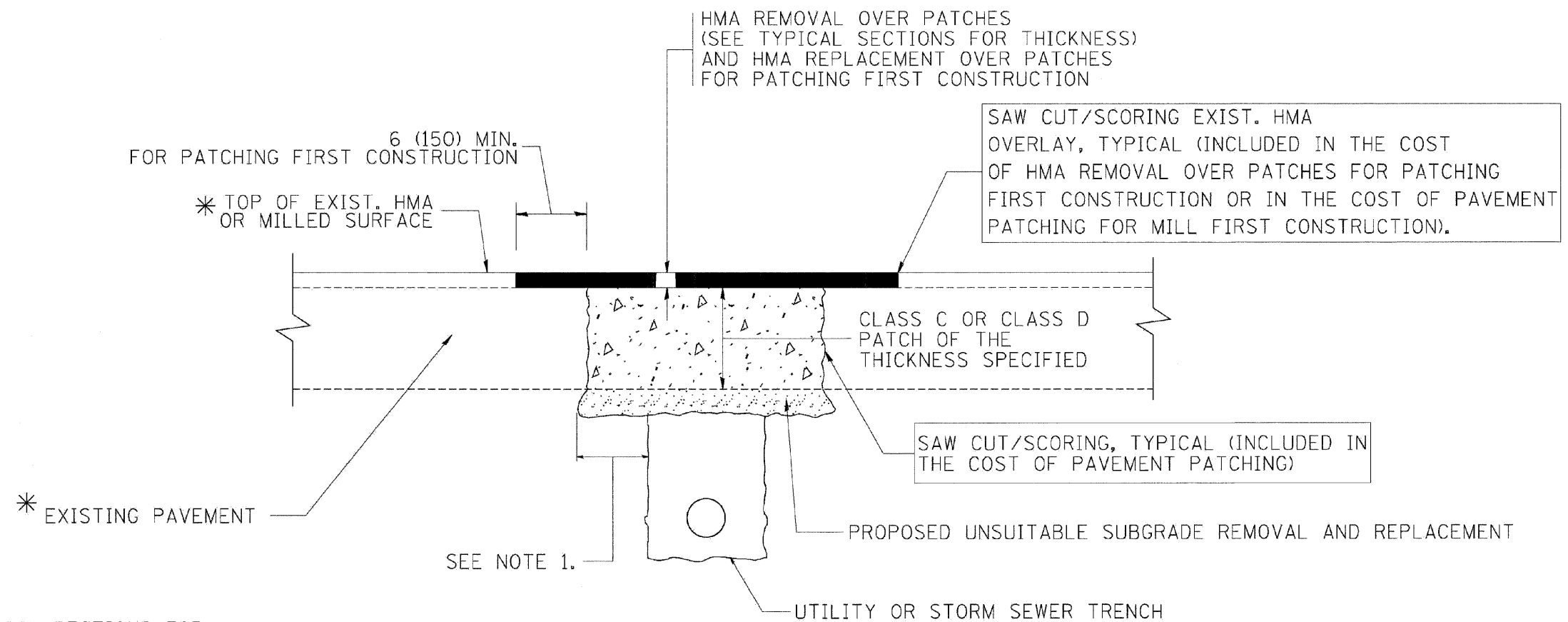
BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL" NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FRAMES AND LIDS ADJUSTMENT WITH MILLING; AND FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING

FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 24
	PLOT SCALE = 25,0000' / IN.	DRAWN - ---	REVISED - ---		SCALE: NONE	SHEET NO. 3 OF 17 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67				
	PLOT DATE = 4/15/2009	CHECKED - ---	REVISED - ---		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
	DATE - 4/2009	DATE - 4/2009	REVISED - ---									



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

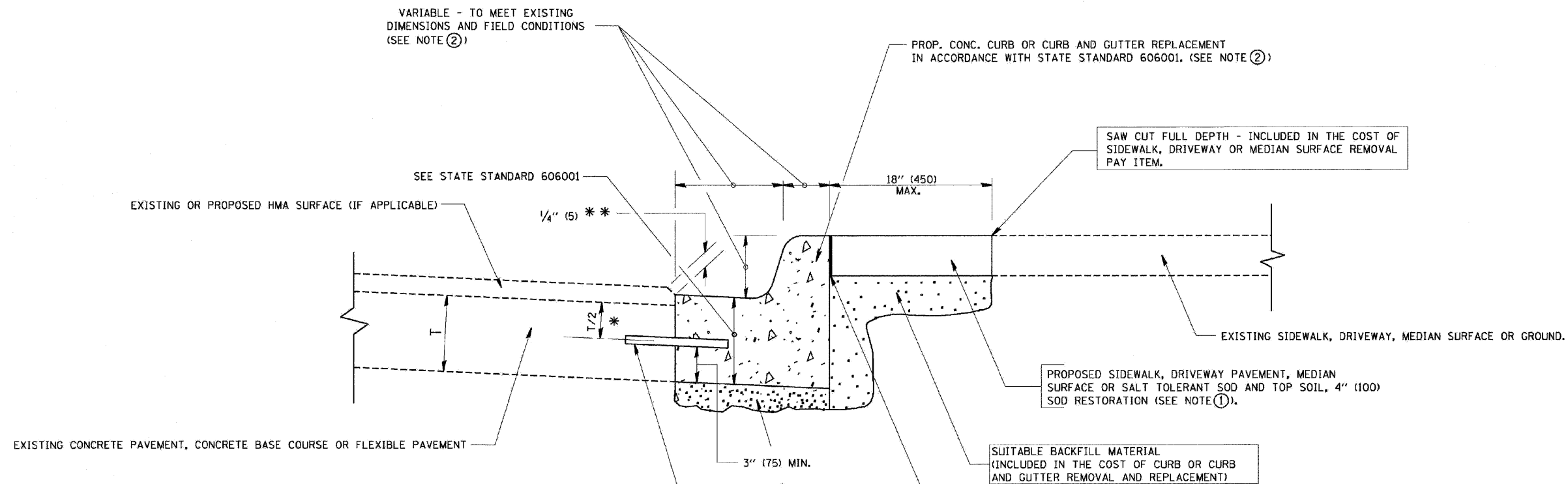
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

PAVAEMENT PATCHING FOR HMA SURFACED PAVEMENT

FILE NAME = ...Aurora-Botavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.J. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 25
	PLOT SCALE = 25.0000' / IN.	DRAWN - _____	REVISED - _____		SCALE: NONE	SHEET NO. 4 OF 17 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = 4/15/2009	CHECKED - _____	REVISED - _____					CONTRACT NO. 60667				
		DATE - 4/2009	REVISED - _____									



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

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

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

② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

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

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

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

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

BASIS OF PAYMENT:

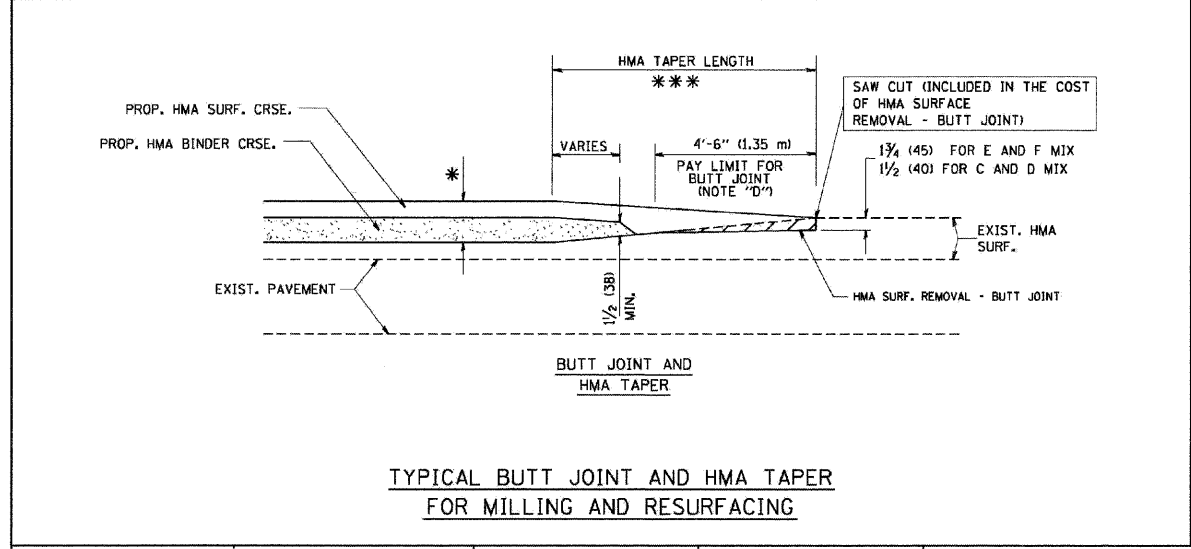
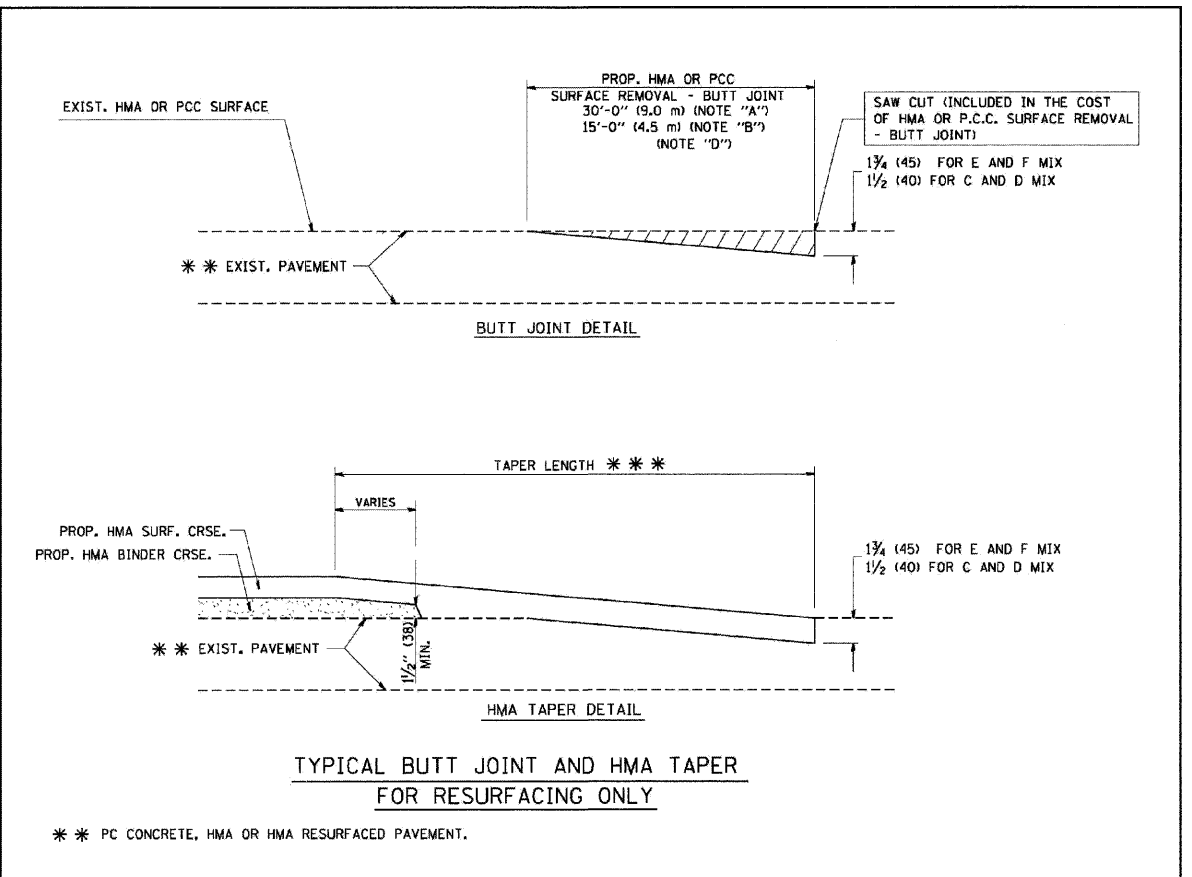
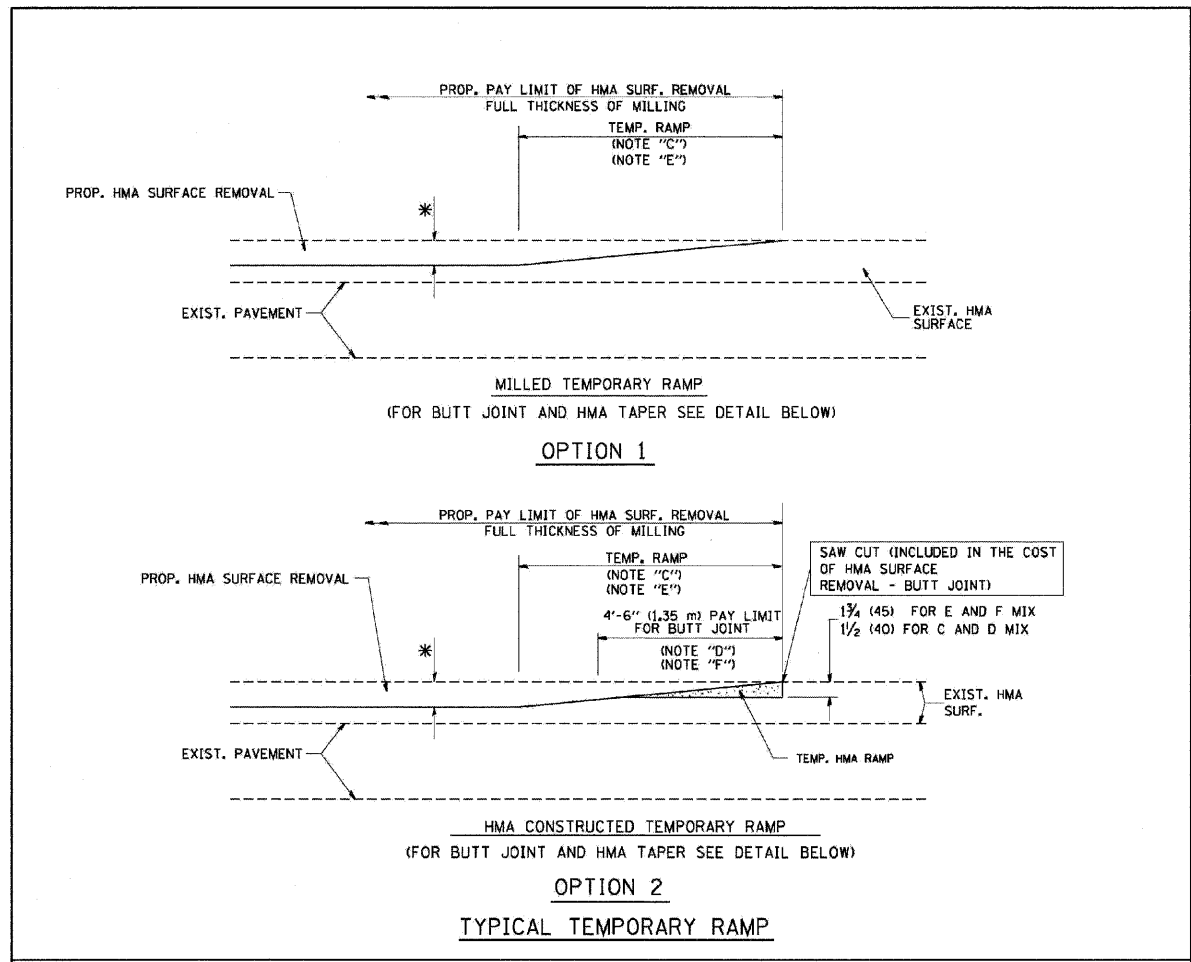
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 26
	PLOT SCALE = 25.0000' / 1"	DRAWN - ---	REVISED - ---		SCALE: NONE	SHEET NO. 5 OF 17 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67				
	PLOT DATE = 4/15/2009	CHECKED - ---	REVISED - ---		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT							
	DATE = 4/2009	DATE - 4/2009	REVISED - ---									



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.

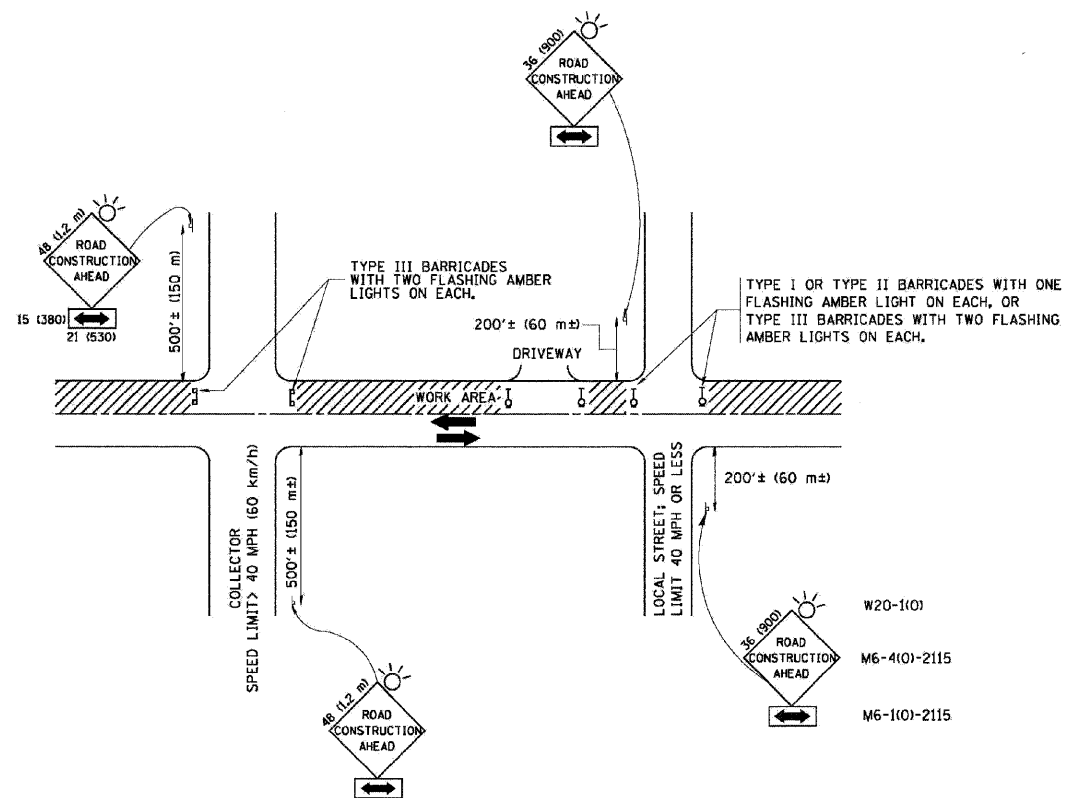
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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.

BUTT JOINTS AND HMA TAPER

FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 27
PLOT SCALE = 25.0000" / IN.	PLOT DATE = 4/15/2009	CHECKED -	DATE - 4/2009	SCALE: NONE	SHEET NO. 6 OF 17 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 60G67			



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).

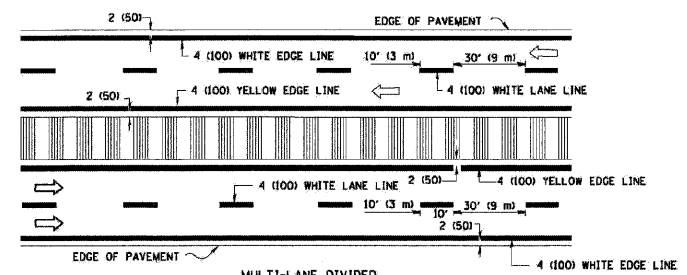
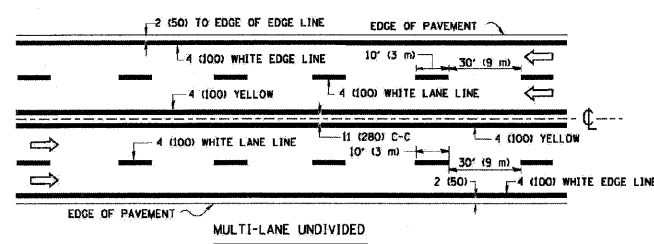
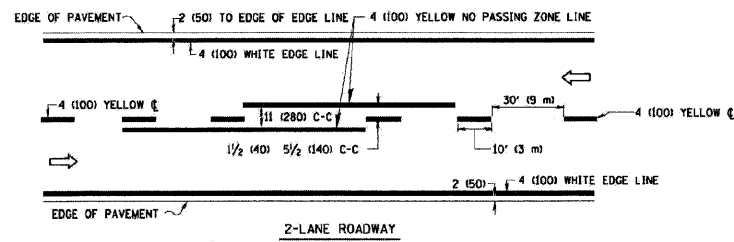
B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- 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.

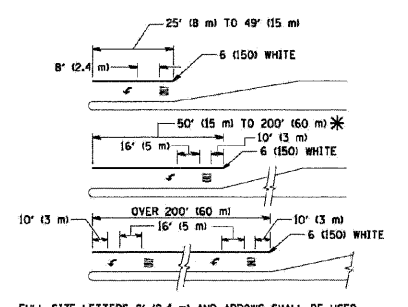
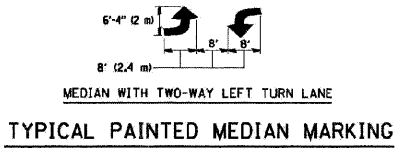
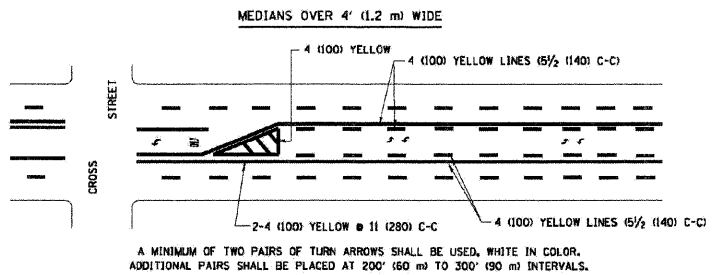
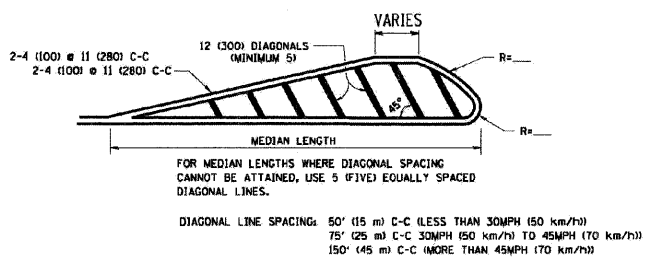
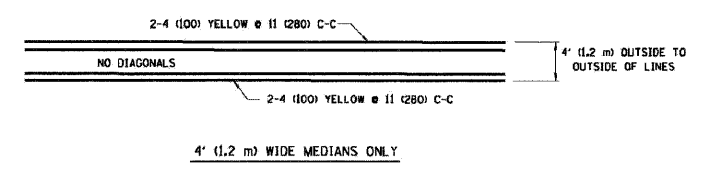
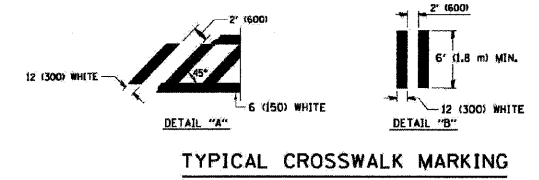
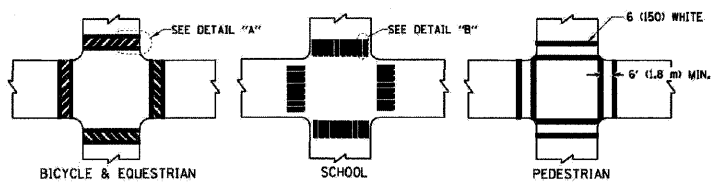
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS

FILE NAME = ...\\Aurora-Betavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 25.0000' / IN.	DRAWN -	REVISED -		IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET		2503	(53 + 54) RS7	KANE	38	28	
	PLOT DATE = 4/15/2009	CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 7 OF 17 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67				
		DATE - 4/2009	REVISED -		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							



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

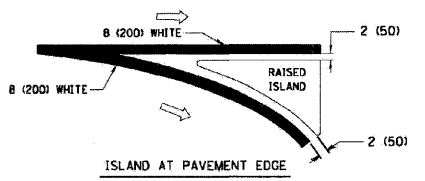
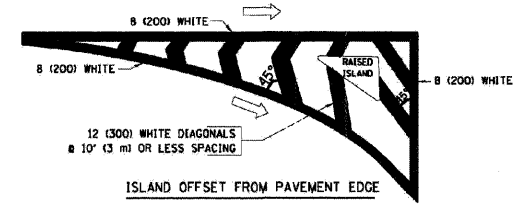
TYPICAL LANE AND EDGE LINE MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
1/4 AREA = 15.6 SQ. FT. (1.5 m²) 1/2 AREA = 20.8 SQ. FT. (1.9 m²)

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

TYPICAL LEFT (OR RIGHT) TURN LANE MARKING



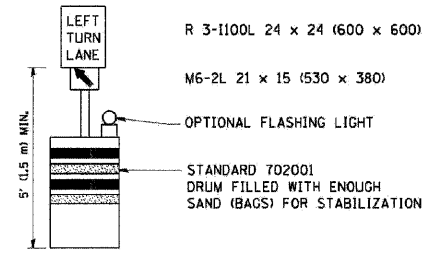
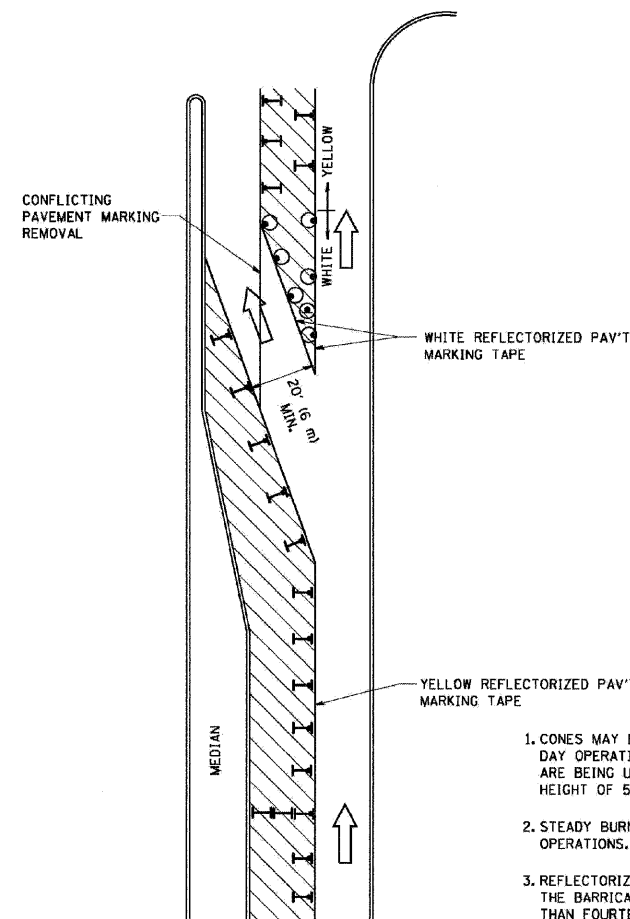
TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	4 (100)	SKIP-DASH	WHITE	SAME AS LINE BEING EXTENDED
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 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (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.

DISTRICT ONE TYPICAL PAVEMENT MARKINGS



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 BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

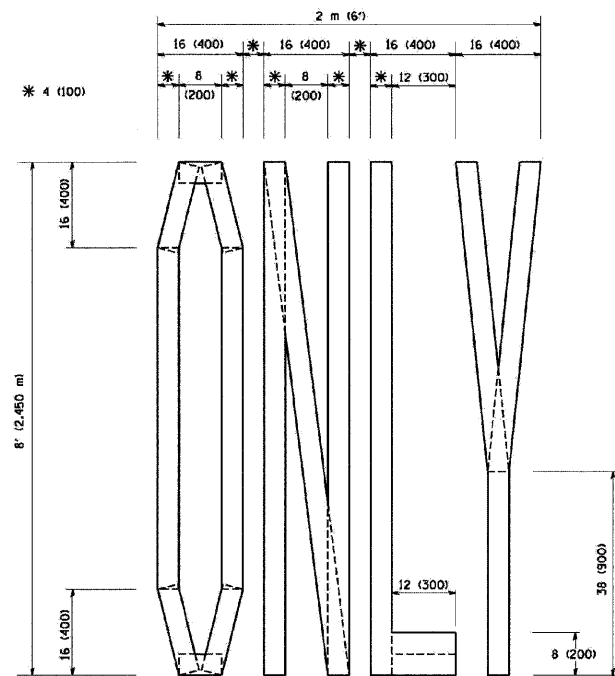
LEGEND

- 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

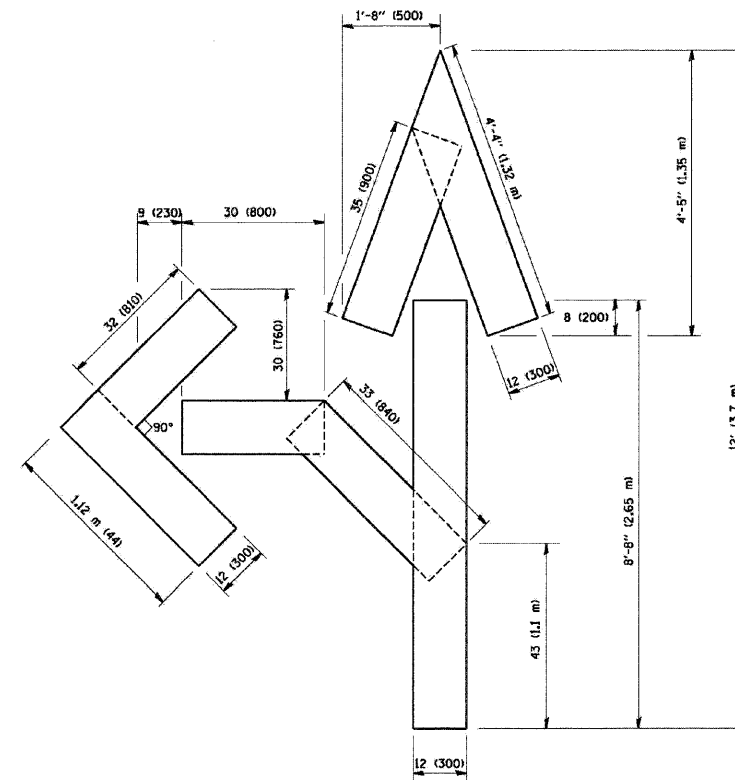
All dimensions are in inches (millimeters) unless otherwise shown.

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

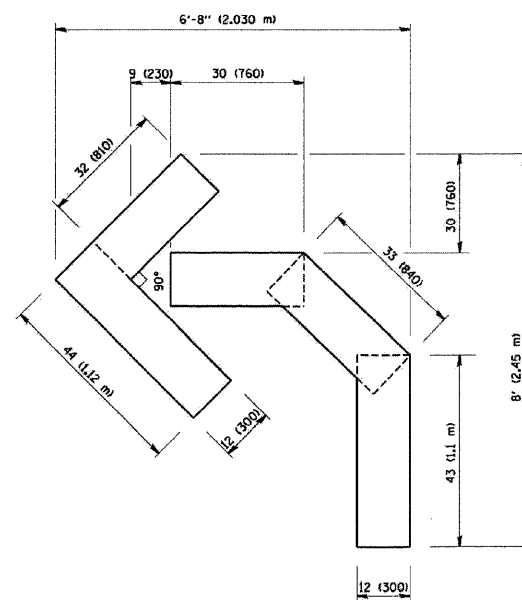
FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 25.0000' / IN.	DRAWN - ---	REVISED - ---		SCALE: NONE	SHEET NO. 10 OF 17 SHEETS	STA. _____ TO STA. _____	2503	(53 + 54) RS7	KANE	38
PLOT DATE = 4/15/2009	CHECKED - ---	DATE - 4/2009	REVISED - ---				CONTRACT NO. 60667				
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)

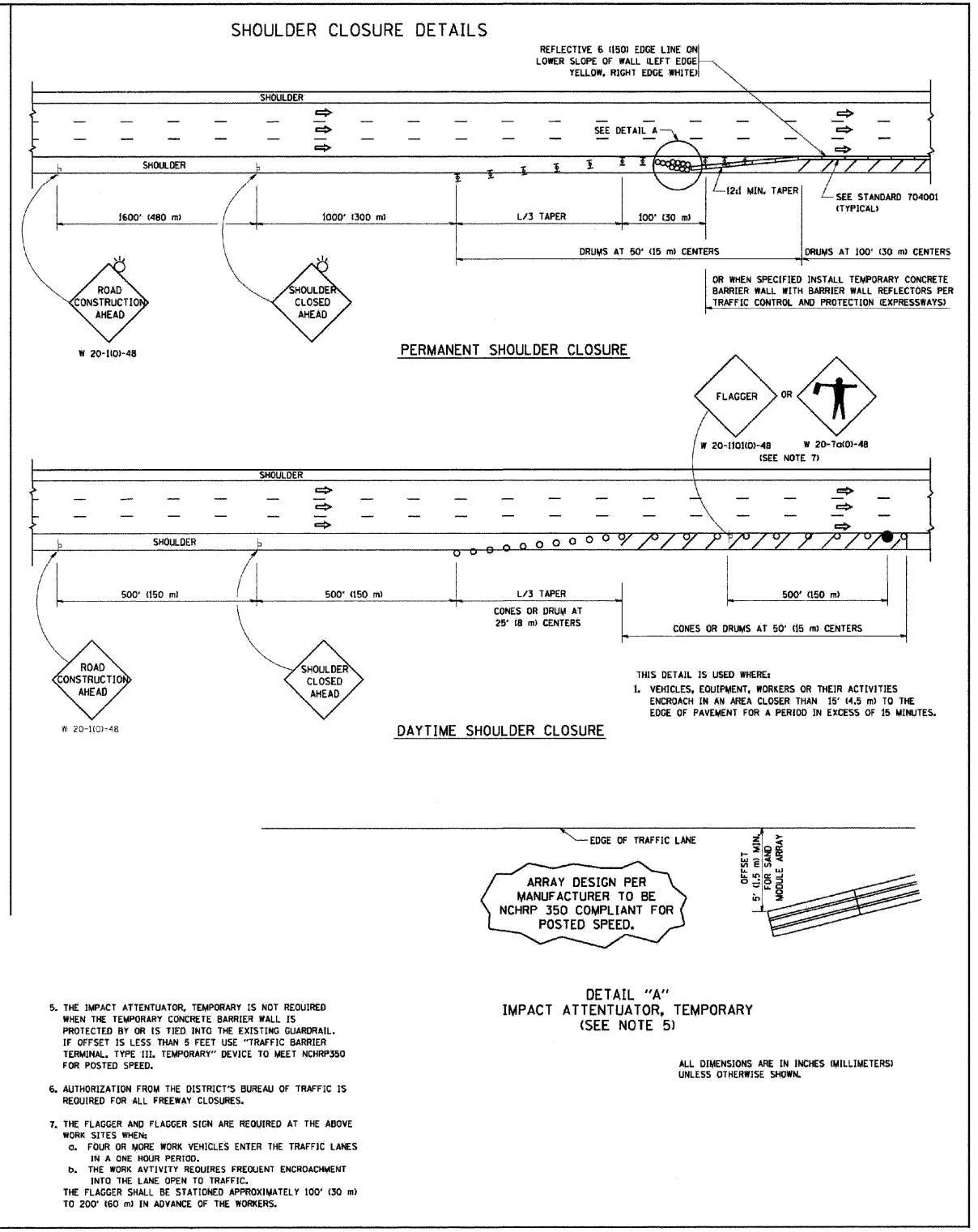
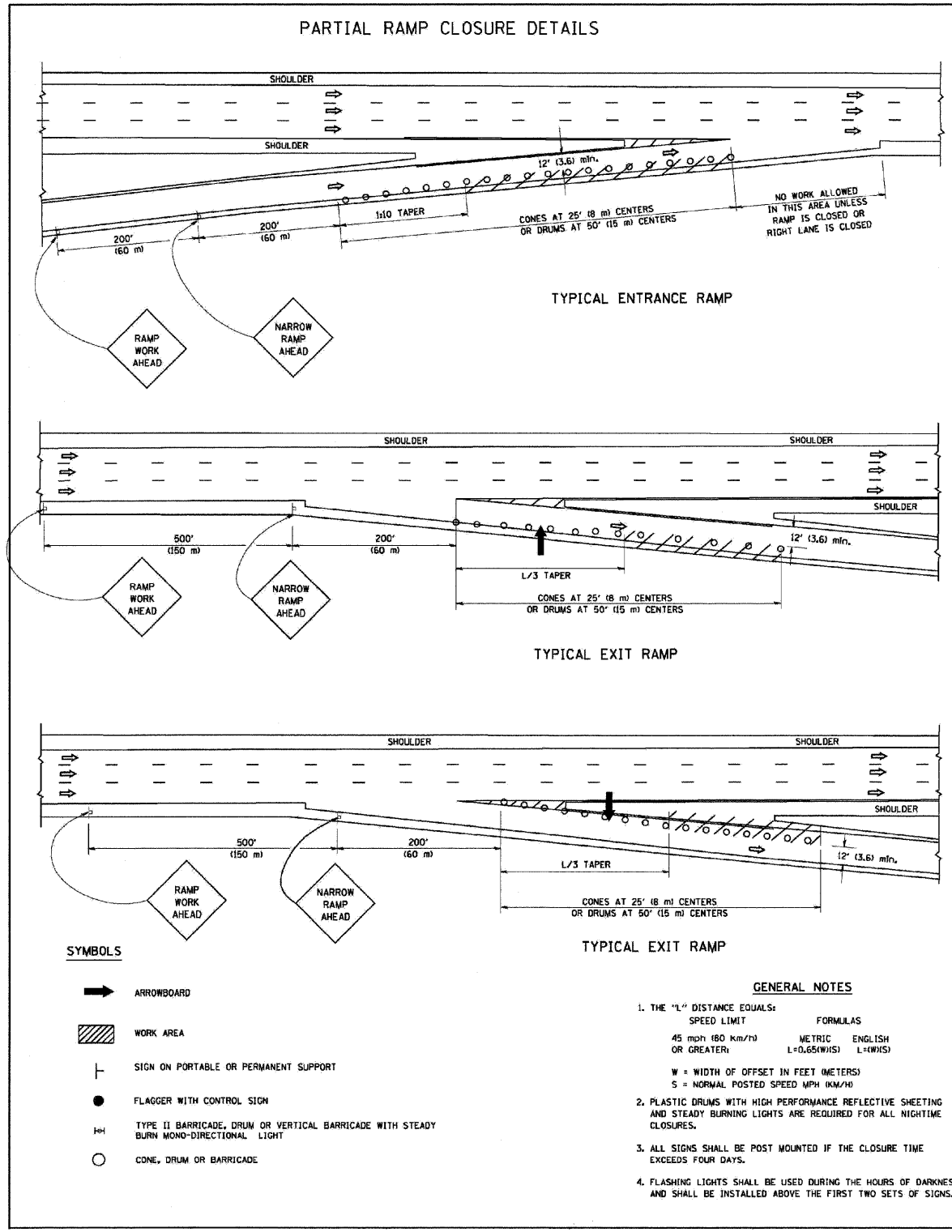


QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

FILE NAME = ...Aurora-Botavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 32
	PLOT SCALE = 25.0000' / IN.	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 11 OF 17 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67				
	PLOT DATE = 4/15/2009	CHECKED -	REVISED -		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT							
		DATE - 4/2009	REVISED -									

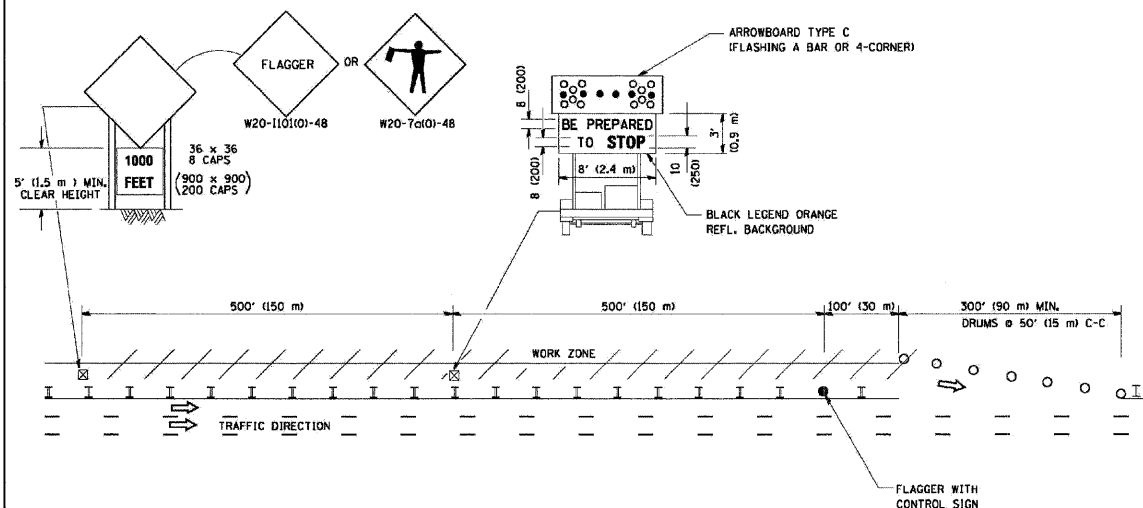


TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

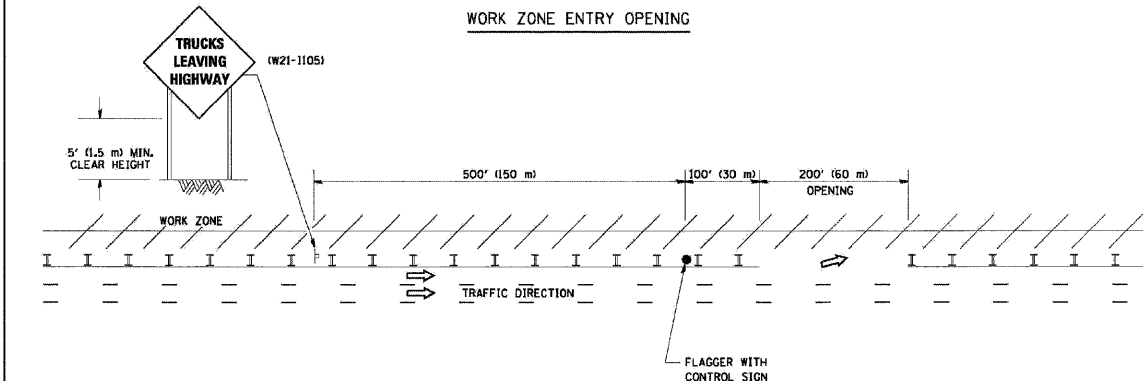
FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET	F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 33
PLOT SCALE = 25.0000' / IN.	CHECKED -	DATE - 4/2009	REVISED -	SCALE: NONE	SHEET NO. 12 OF 17 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60G67	

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



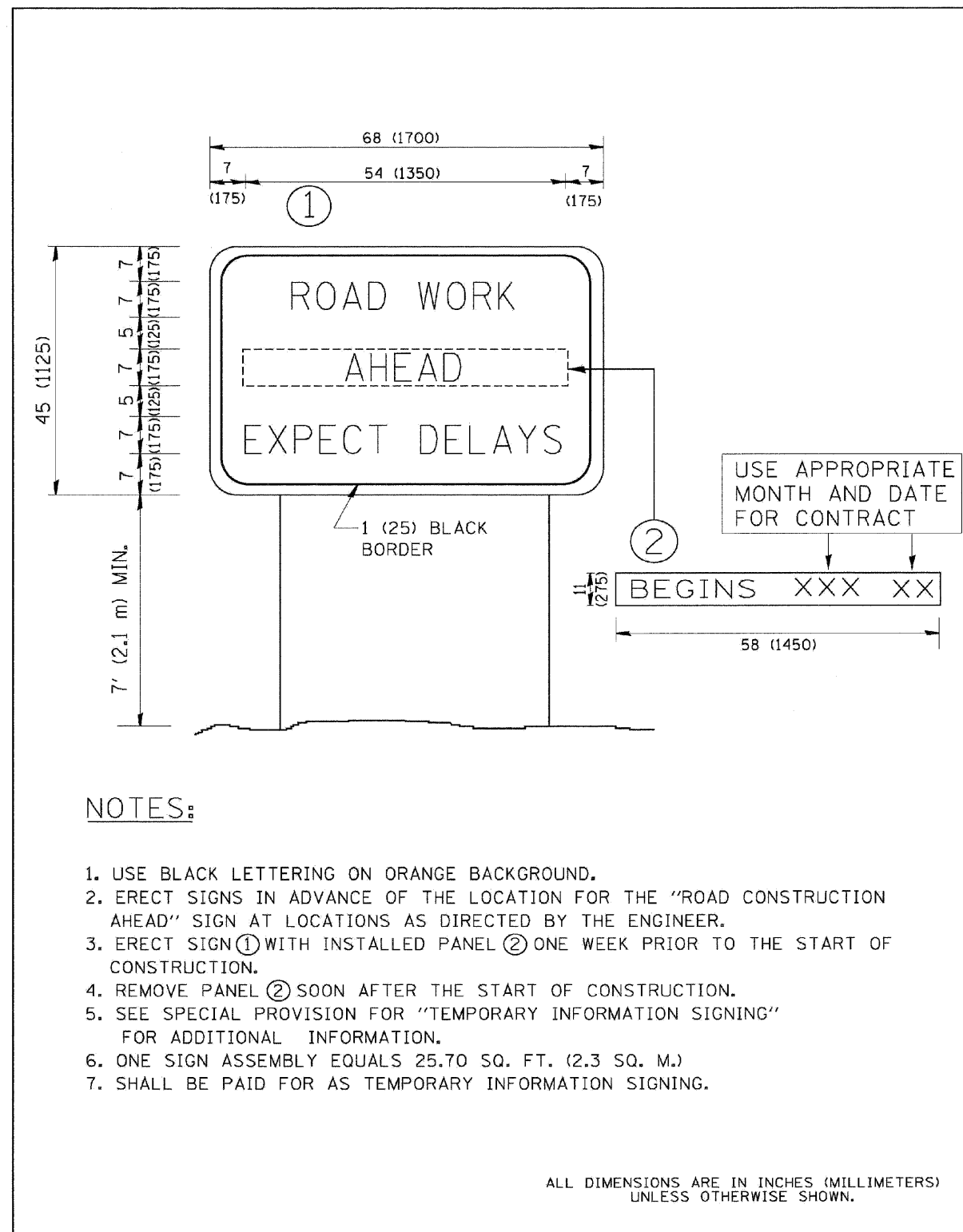
NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

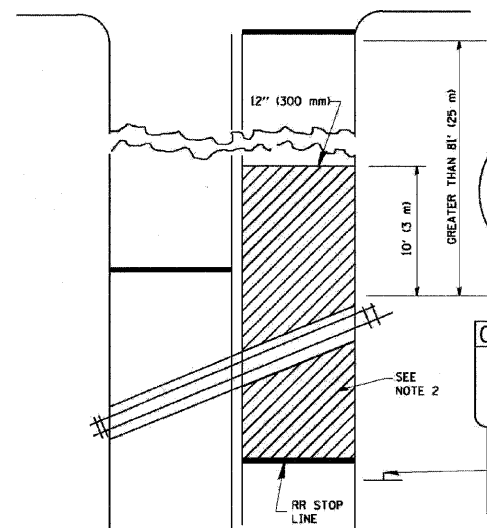
FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			F.A.U. RTE. 2503	SECTION (53 + 54) RS7	COUNTY KANE	TOTAL SHEETS 38	SHEET NO. 34
	PLOT SCALE = 25.0000' / IN.	CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 13 OF 17 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67				
PLOT DATE = 4/15/2009	DATE = 4/2009	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



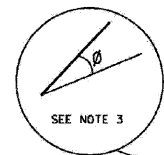
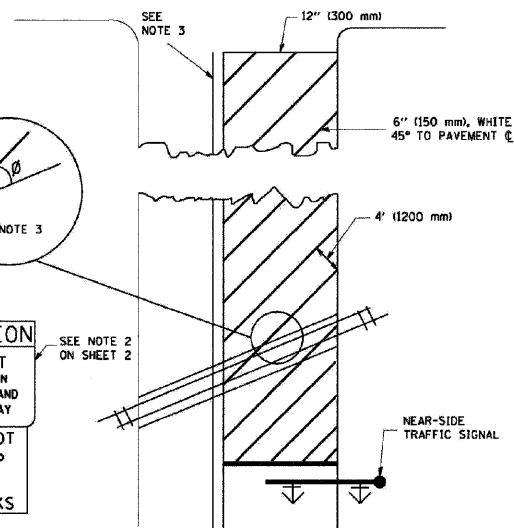
ARTERIAL ROAD SIGN INFORMATION

FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ----	REVISED - ----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ----	REVISED - ----		IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET		2503	(53 + 54) RS7	KANE	38	35
		CHECKED - ----	REVISED - ----				CONTRACT NO. 60G67				
		DATE - 4/2009	REVISED - ----				ILLINOIS FED. AID PROJECT				
				SCALE: NONE		SHEET NO. 14 OF 17 SHEETS		STA. _____ TO STA. _____			

WITH INTERSECTION TRAFFIC SIGNALS



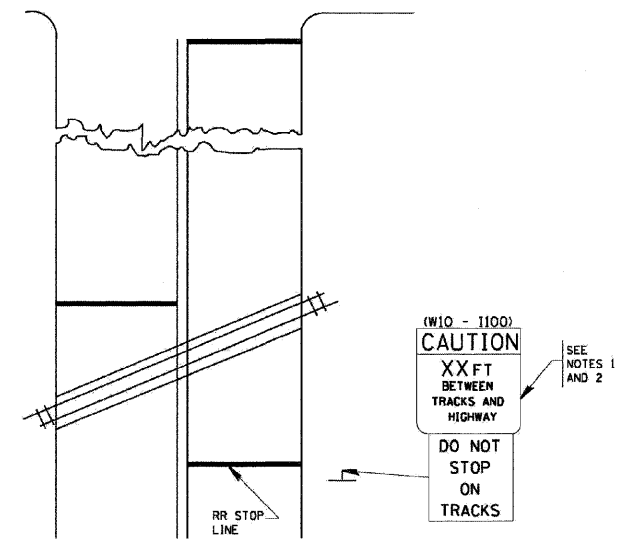
WITH NEAR-SIDE TRAFFIC SIGNALS



CAUTION
XXFT
BETWEEN
TRACKS AND
HIGHWAY
DO NOT
STOP
ON
TRACKS

- NOTES:
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED, THE PAVEMENT MARKINGS EXTENDS TO THE INTERSECTION.
 - WHERE THE ANGLE BETWEEN THE DIAGONAL STRIPES AND THE TRACK (β) WOULD BE LESS THAN APPROXIMATELY 20°, THE STRIPES SHOULD BE SLOPED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

WITH NONSIGNALIZED INTERSECTION
81' (25 m) OR LESS TO CLOSEST RAIL

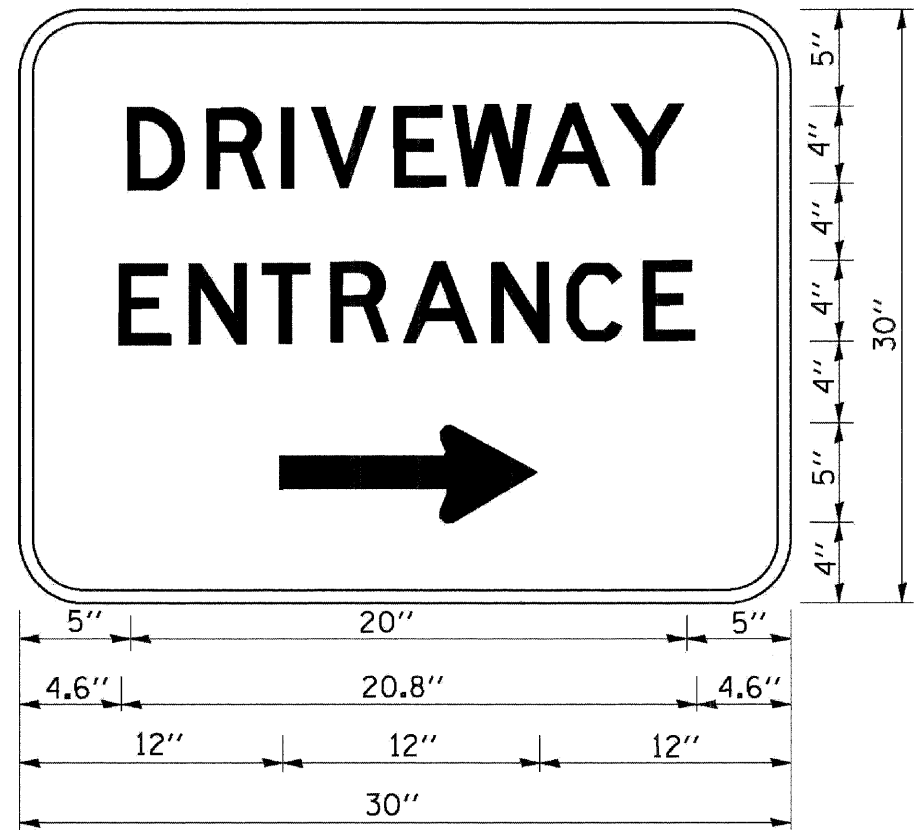


- NOTE:
- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET (1.8 m) FROM THE RAIL CLOSEST TO THE INTERSECTION TO THE STOP LINE OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET (1.5 m), WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE THE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
 - THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.

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

SIGNING AND PAVEMENT MARKINGS TREATMENT FOR RAILROAD CROSSINGS

FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ---	REVISED - ---		IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET		2503	(53 + 54) RS7	KANE	38	36
		CHECKED - ---	REVISED - ---				CONTRACT NO. 60G67				
		DATE - 4/2009	REVISED - ---		SCALE: NONE SHEET NO. 15 OF 17 SHEETS STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



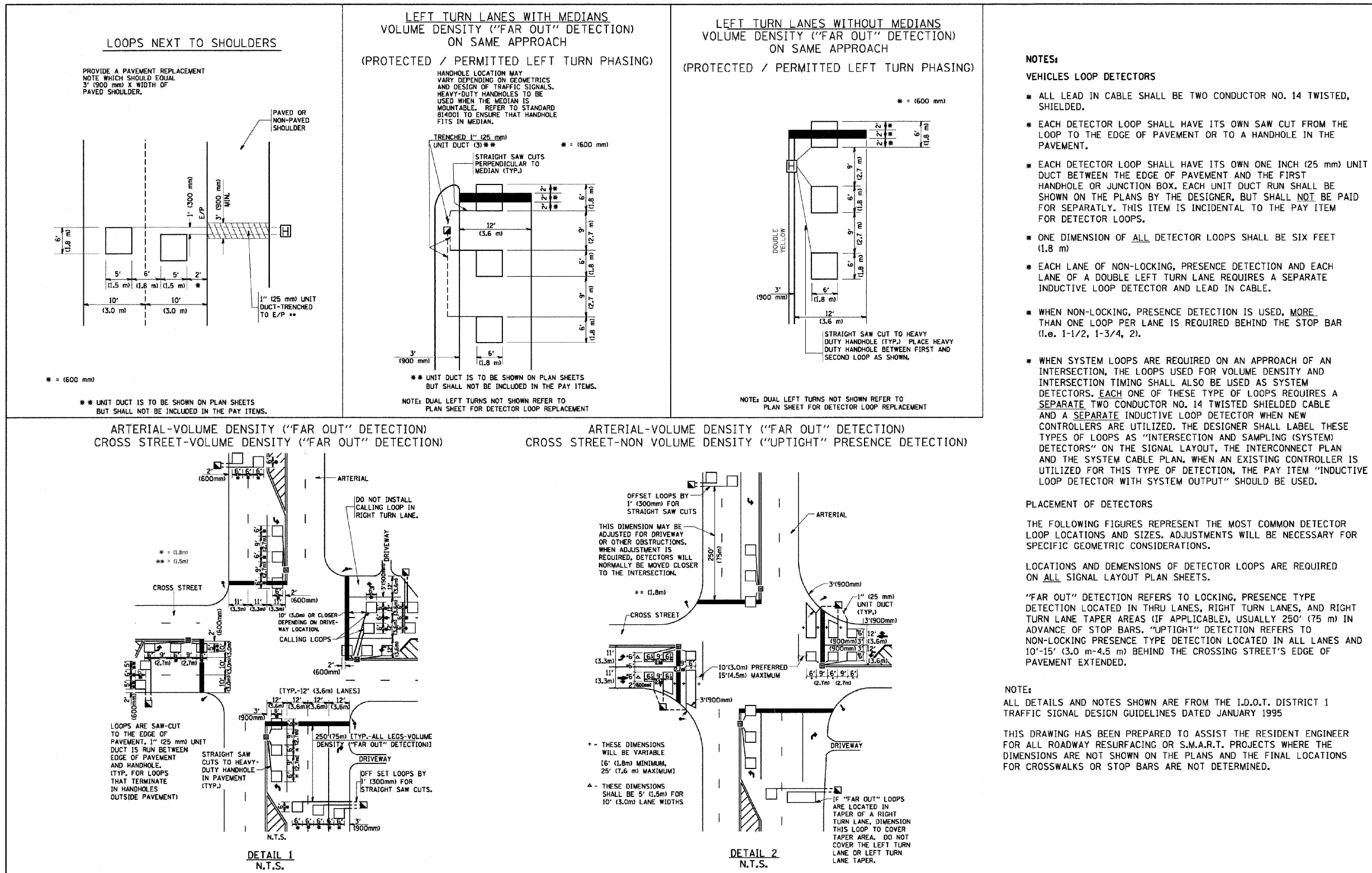
3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

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".

DRIVEWAY ENTRANCE SIGNING

FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ___	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - ___	REVISED - _____		IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET		2503	(53 + 54) RS7	KANE	38	37	
		PLOT SCALE = 25.0000' / 1"	CHECKED - ___		REVISED - _____	SCALE: NONE	SHEET NO. 16 OF 17 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60G67			
		PLOT DATE = 4/15/2009	DATE - 4/2009		REVISED - _____	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:
ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING

FILE NAME = ...Aurora-Batavia\Details.dgn	USER NAME = Plotted by Administrator	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAIL SHEETS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		IL ROUTE 25 FROM SPRING STREET TO LAUREL STREET			2503	(53 + 54) RS7	KANE	38	38
		CHECKED -	REVISED -		SCALE: NONE SHEET NO. 17 OF 17 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 60G67				
		DATE = 4/2009	REVISED -		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT							