

INDEX OF SHEETS

SHEET NO. _____ TITLE _____
SEE SHT. NO. 2 FOR INDEX TO SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID PROJECT
FAU 1342 SPRING STREET
WEDGEWOOD DRIVE TO
FAU 3887 ILLINOIS ROUTE 31 (LA FOX STREET)
RESURFACING
PROJECT NO.: M-8003 (729)
SECTION: 06-00029-00-RS
KANE COUNTY
JOB NO.: C-91-089-07**

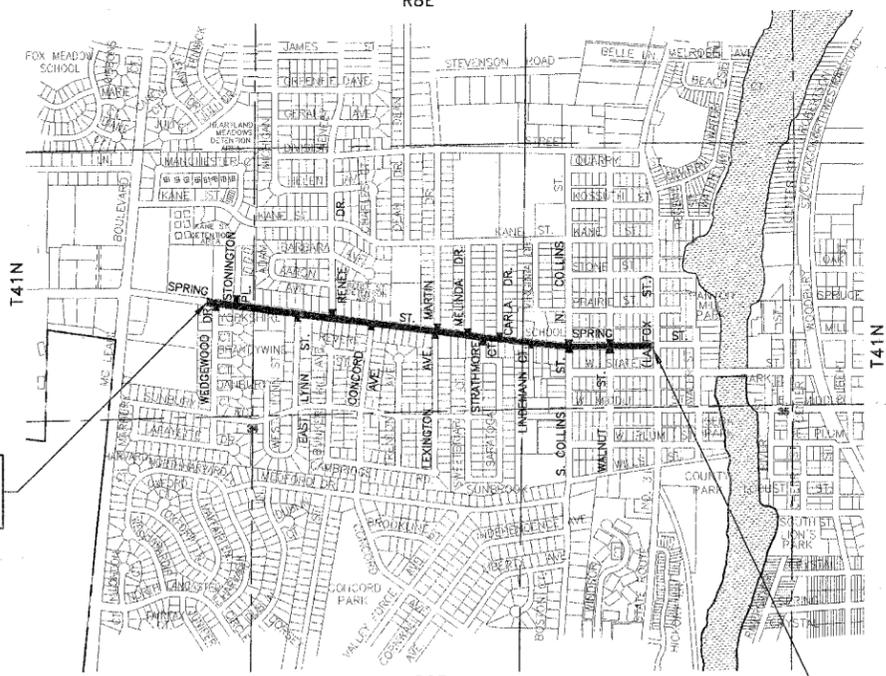
F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	1
FED. ROAD DIST. NO. C-91-089-07		ILLINOIS	FED AID PROJECT M-8003 (729)	
CONTRACT NO.: 83892				



PROJECT LOCATED IN THE VILLAGE OF SOUTH ELGIN

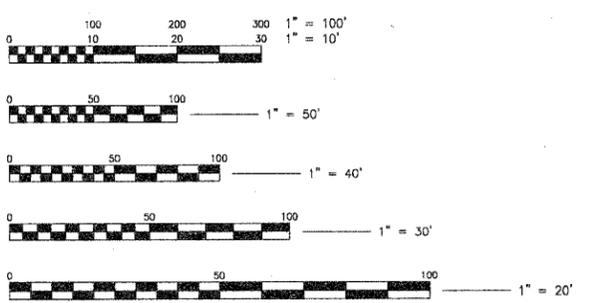


STANDARD NO. _____ HIGHWAY STANDARD
SEE SHT. NO. 2 FOR STANDARDS



LOCATION: FAU 1342 SPRING STREET
BEGIN RESURFACING
STA. 18+39

LOCATION: FAU 1342 SPRING STREET
END RESURFACING
STA. 61+95



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



Baxter & Woodman

TRAFFIC DATA
POSTED & DESIGN SPEED LIMIT = 30 MPH
2006 ADT = 20,900

BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2007



Jacob Renae
PROJECT ENGINEER

DATE: 11-22-06

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED: 11-29-06
Ant P. Pel
VILLAGE OF SOUTH ELGIN
DIRECTOR OF PUBLIC WORKS

PASSED: December 28, 2006
Christina Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: Dec. 29, 2006
Diane O'Keefe / CJ
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

CONTRACT NO.: 83892

Crystal Lake, Illinois Burlington, Wisconsin DeKalb, Illinois Itasca, Illinois Mokena, Illinois Grayslake, Illinois Rockford, Illinois Plainfield, Illinois
815.459.1260 262.763.7834 815.787.3111 630.773.1870 708.478.2090 847.223.5088 815.489.1551 815.609.7425

COUNTY: KANE SECTION: 06-00029-00-RS (OFFICE WHICH PREPARED PLANS)

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS PROJECT NO.: 051124

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SCHAUMBURG, IL. 847-705-4233 ABIGAIL WILGREEN FEDERAL AID DESIGN ENGINEER

GENERAL NOTES:

- UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR VILLAGE.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DRIVEWAYS OR AREA IN THE PARKWAY THAT IS DISTURBED BY CONSTRUCTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUY RATHER SHALL BE INCLUDED IN THE COST OF THE ITEMS FOR WHICH IT APPLIES.
- MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, BITUMINOUS SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE VILLAGE, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE VILLAGE WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS WITH WORK INCLUDED IN THE COST OF THE PAY ITEM WHICH CAUSED THE CLOSING. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
- ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AND INCLUDED IN THE PAY ITEM FOR COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ANY SIGNS OR MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH VILLAGE STANDARDS AND INCLUDED IN THE PAY ITEM FOR COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- EXISTING PAVEMENT, DRIVEWAY PAVEMENT, CURB AND GUTTER AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.
- IN AREAS WHERE THE EXISTING DRIVEWAY, SIDEWALK, OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY, SIDEWALK, OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE PAY ITEMS SIDEWALK REMOVAL OR COMBINATION CONCRETE CURB AND GUTTER REMOVE AND REPLACE.
- ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
- THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
- CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS.
- THE FINISHED BITUMINOUS CONCRETE SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.
- DETECTABLE WARNINGS SHALL CONSIST OF DYED CONCRETE STAMPED WITH APPROPRIATE STAMPING TOOLS. THE PIGMENT SHALL MEET THE REQUIREMENTS OF ASTM C 979, MATCH COLOR 30166 OF FEDERAL STANDARD 595. THE COST OF DYING CONCRETE IN ADDITION TO THE DETECTABLE WARNING AREA SHOWN ON THE DETAIL SHALL BE INCLUDED IN THE COST OF DETECTABLE WARNINGS BUT THE LIMITS OF THE DYED CONCRETE SHALL NOT EXTEND BEYOND THE BACK OF THE DETECTABLE WARNING AREA.
- ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION.
- THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE 0.3 GAL/SY.
- FOR STEEL BARS CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4361.
- THE CONTRACTOR WILL ONLY BE ALLOWED TO REMOVE AND REPLACE CURB AND GUTTER ON ONE SIDE OF THE ROAD AT A TIME TO MINIMIZE CONGESTION. REPLACEMENT MUST BE COMPLETE ON ONE SIDE OF THE ROAD BEFORE THE CONTRACTOR IS ALLOWED TO BEGIN REMOVING CURB AND GUTTER ON THE OTHER SIDE OF THE ROAD.
- DURING CONSTRUCTION STAGING OPERATIONS, THE VILLAGE POLICE AND VILLAGE FIRE DEPARTMENTS SHALL BE NOTIFIED IN WRITING 48-HOURS PRIOR TO STREET CLOSURES. EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
- THE QUANTITIES FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 4-INCH WILL NOT EXCEED THE AMOUNT LISTED IN THE SUMMARY OF QUANTITIES.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG-64-22	4%@70 Gyr
LEVELING BINDER (MACHINE METHOD), N70	PG-64-22/58-22	4%@70 Gyr

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

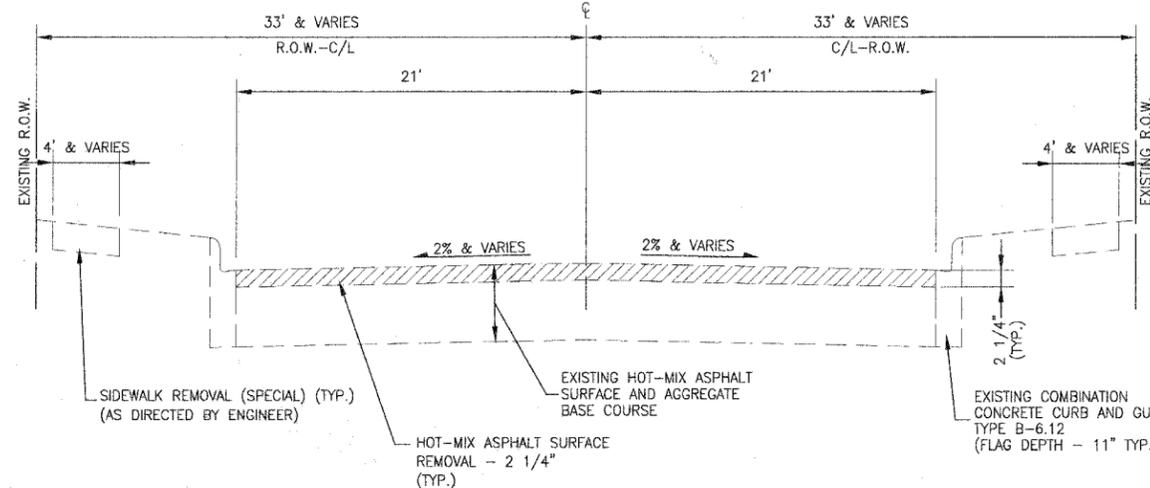
WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

FAU ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED AID PROJECT		
C-91-089-07		M-8003 (729)		

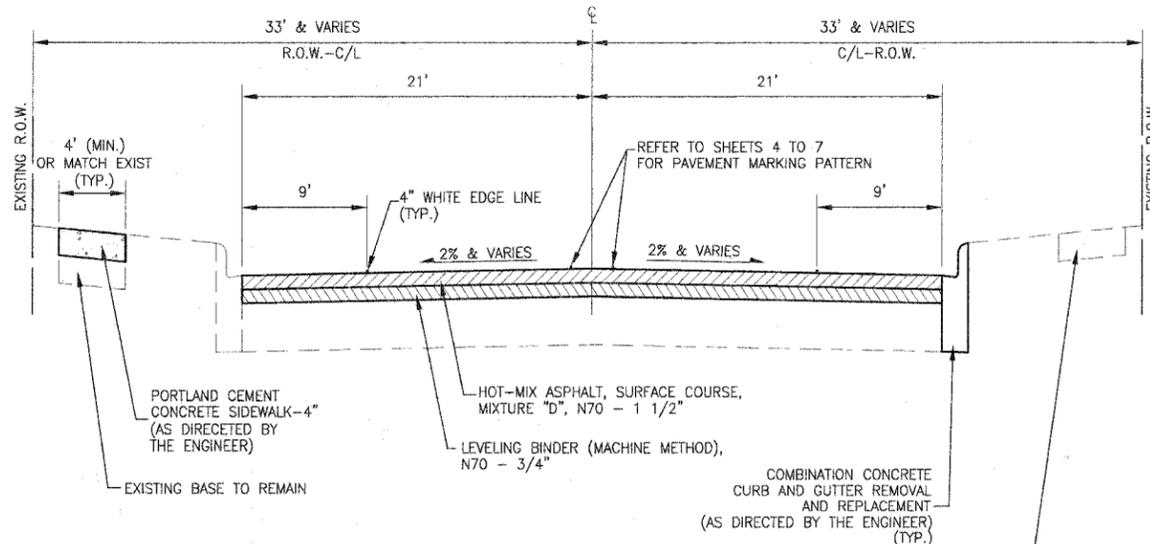
CONTRACT NO.: 83892

STANDARD NO. STATE STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-04	CURB RAMPS FOR SIDEWALKS
604001-02	FRAME AND LIDS, TYPE 1
606001-03	CONCRETE CURB TYPE B AND CONCRETE CURB AND GUTTER
701501-03	URBAN LANE CLOSURE, 2L 2W-UNDIVIDED
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS



**EXISTING TYPICAL SECTION
SPRING STREET
STA. 18+39 TO STA. 61+95
(NO SCALE)**



**PROPOSED TYPICAL SECTION
SPRING STREET
STA. 18+39 TO STA. 61+95
(NO SCALE)**

INDEX TO SHEETS

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	2	11-22-06	PER I.D.O.T. REVIEW

* - REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

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 Graylake, Illinois 815.223.5088
 Rockford, Illinois 815.489.1551
 Plainfield, Illinois 815.509.7426

VILLAGE OF SOUTH ELGIN, ILLINOIS
 FAU 1342 SPRING STREET
 STP (LAPP) IMPROVEMENTS

**INDEX TO SHEETS, STATE STANDARDS,
 GENERAL NOTES, TYPICAL SECTIONS
 AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

DESIGNED BY	SCALE
JRR	NONE
DRAWN BY	PROJECT NO.
UKB	051124
CHECKED BY	SHEET NO.
MWP	2 OF 14
DATE	
8/18/06	

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	3
STA.	TO STA.	ILLINOIS	FED AID PROJECT	
C-91-089-07			M-8003 (729)	

CONTRACT NO.: 83892

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	1000
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	4,688
40600300	AGGREGATE (PRIME COAT)	TON	94
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1,077
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70	TON	2,090
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	1,827
42400800	DETECTABLE WARNINGS	SQ FT	350
44000158	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"	SQ YD	23,440
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	775
44004700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	2,160
60250200	CATCH BASINS TO BE ADJUSTED	EACH	7
60255500	MANHOLES TO BE ADJUSTED	EACH	24
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	10
60266600	VALVE BOXES TO BE ADJUSTED	EACH	6
67100100	MOBILIZATION	LSUM	1
70102620	TRAFFIC CONTROL AND PROTECTION STANDARD 701501	LSUM	1
70300100	SHORT-TERM PAVEMENT MARKINGS	FOOT	2,638
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	880
** 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	88
** 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,223
** 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	221
** 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,584
** 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	287
X0321556	SANITARY MANHOLE TO BE ADJUSTED	EACH	13
X0321558	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	51.4
XX002895	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW FRAME & LID	EACH	1

** - INDICATES SPECIALITY ITEM

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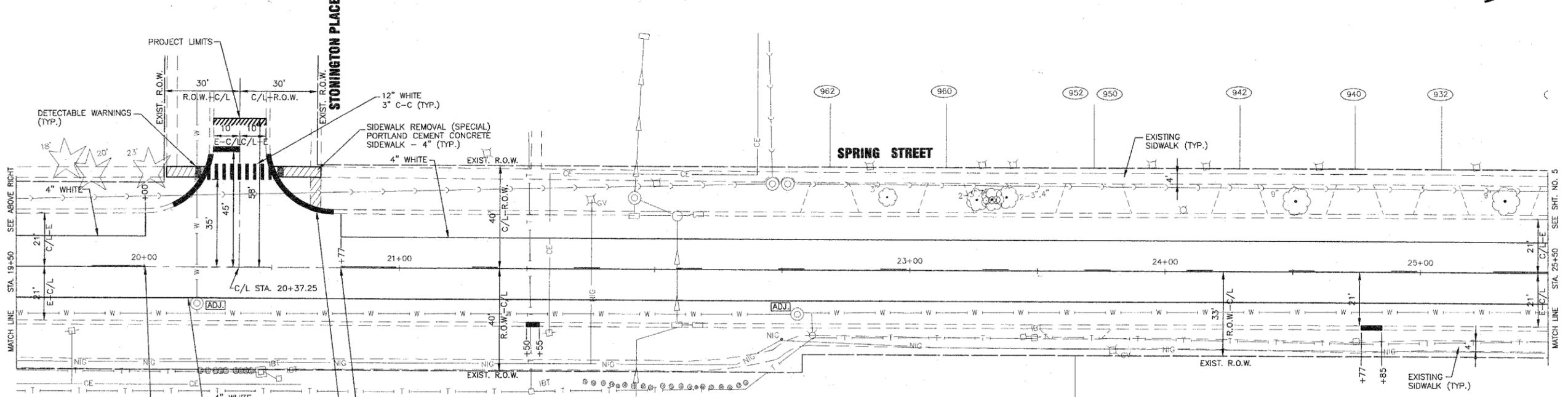
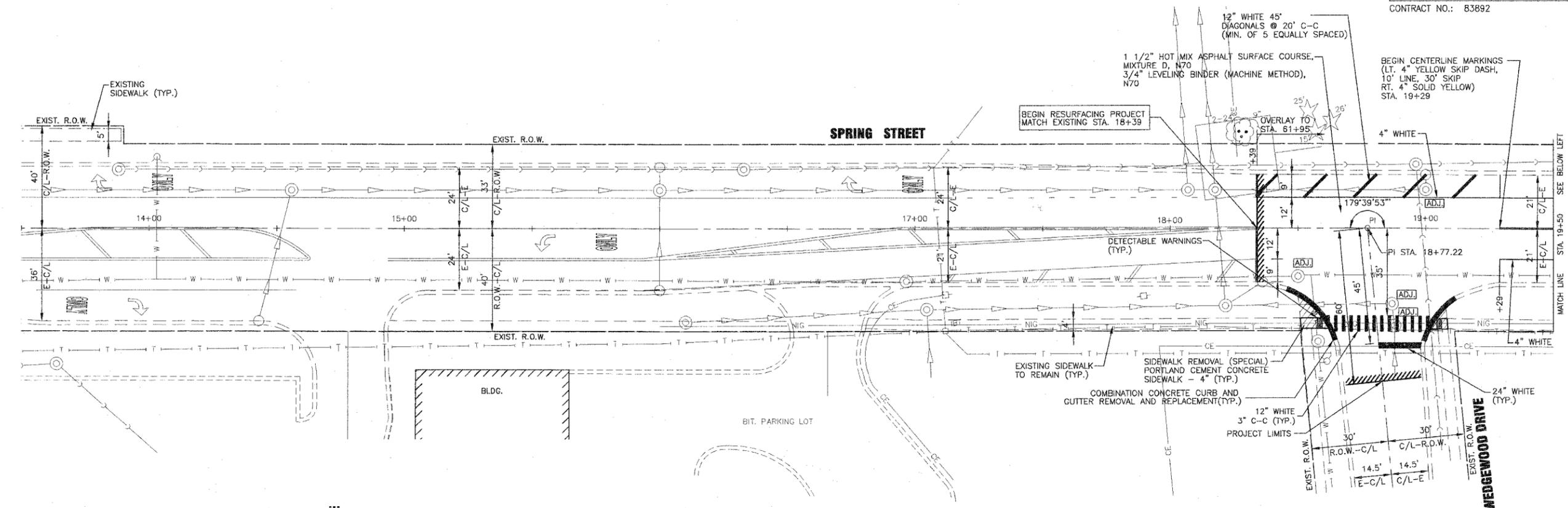
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 Plainfield, Illinois 815.609.7425
 Consulting Engineers

VILLAGE OF SOUTH ELGIN, ILLINOIS
FAU 1342 SPRING STREET
STP (LAPP) IMPROVEMENTS

DESIGNED BY	JRR	SCALE	NONE
DRAWN BY	UKB	PROJECT NO.	051124
CHECKED BY	MWP	SHEET NO.	
DATE	8/18/06		

SUMMARY OF QUANTITIES

FAU ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	4
STA.	TO STA.	ILLINOIS	FED AID PROJECT	
C-91-089-07			M-8003 (729)	
CONTRACT NO.: 83892				



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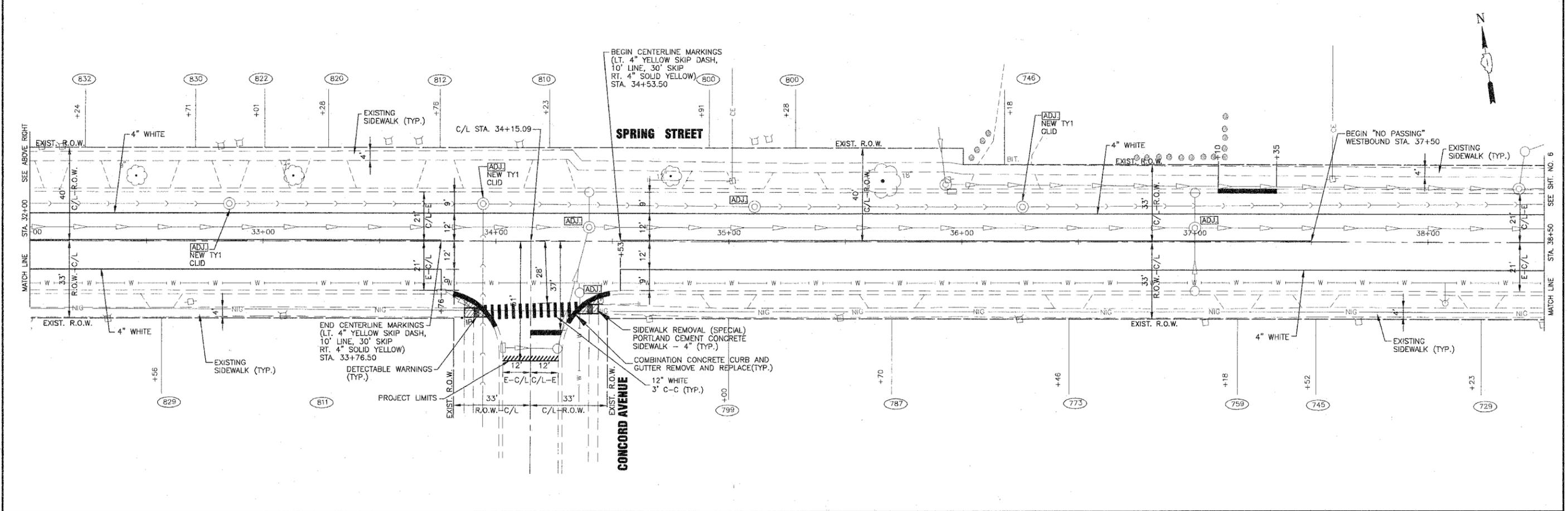
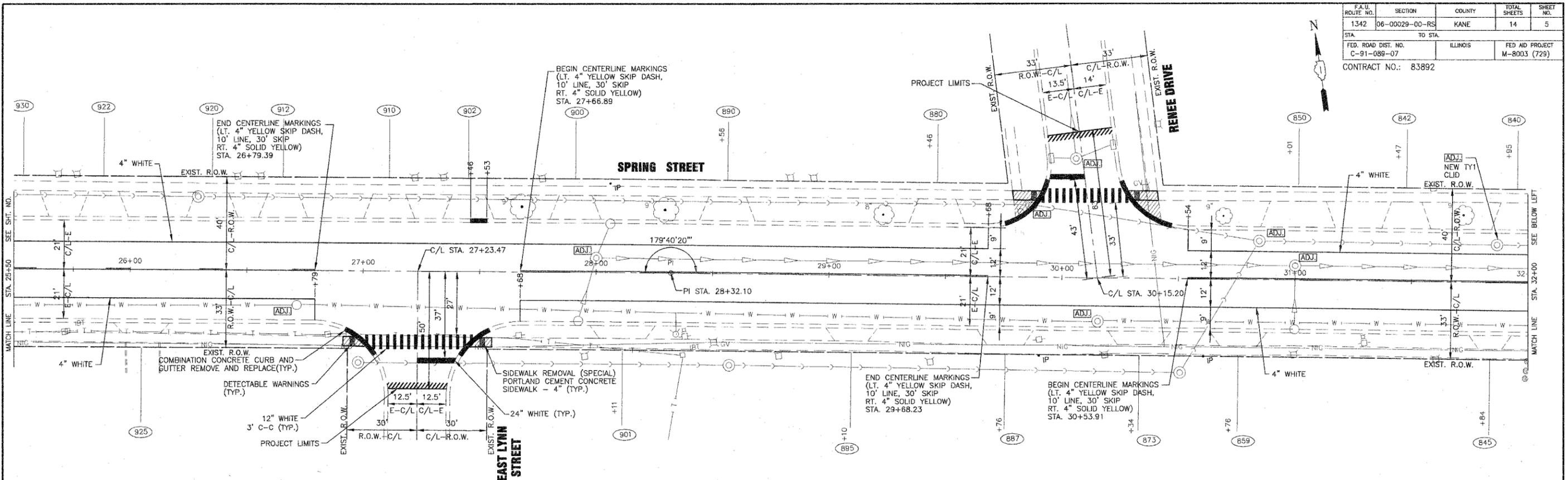
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 Plainfield, Illinois 815.695.7425

VILLAGE OF SOUTH ELGIN, ILLINOIS
FAU 1342 SPRING STREET
STP (LAPP) IMPROVEMENTS

SPRING STREET
STA. 13+50 TO STA. 25+50

DESIGNED BY	JRR	SCALE	HORIZ: 1"=20'
DRAWN BY	UKB	PROJECT NO.	051124
CHECKED BY	MWP	SHEET NO.	4 OF 14
DATE	8/18/06		

FA.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS		FED AID PROJECT	
C-91-089-07			M-8003 (729)	
CONTRACT NO.: 83892				



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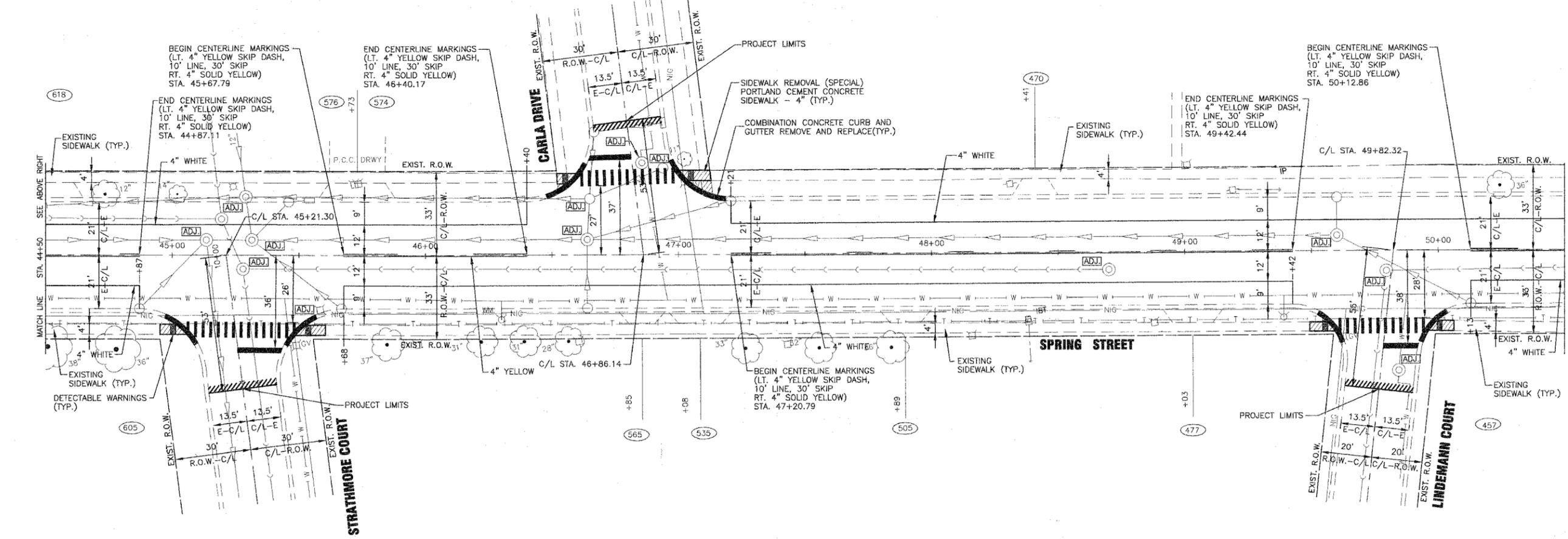
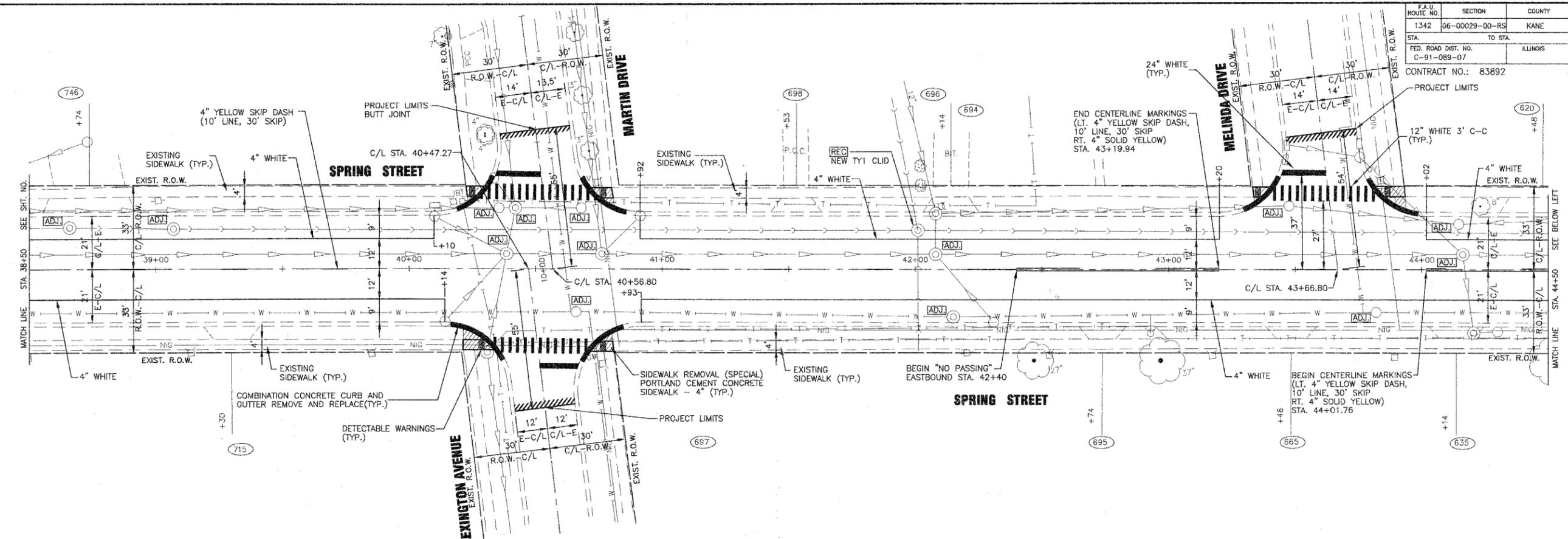
VILLAGE OF SOUTH ELGIN, ILLINOIS
FAU 1342 SPRING STREET
STP (LAPP) IMPROVEMENTS

SPRING STREET
STA. 25+50 TO STA. 38+50

DESIGNED BY	JRR	SCALE	HORIZ: 1"=20'
DRAWN BY	UKB	PROJECT NO.	051124
CHECKED BY	MWP	SHEET NO.	5 OF 14
DATE	8/18/06		

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	6
STA.	TO STA.	ILLINOIS	FED AID PROJECT	
C-91-089-07			M-8003 (729)	

CONTRACT NO.: 83892



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2	11-22-06	PER I.D.O.T. REVIEW

CONSULTANTS

BAXTER & WOODMAN
 Consulting Engineers

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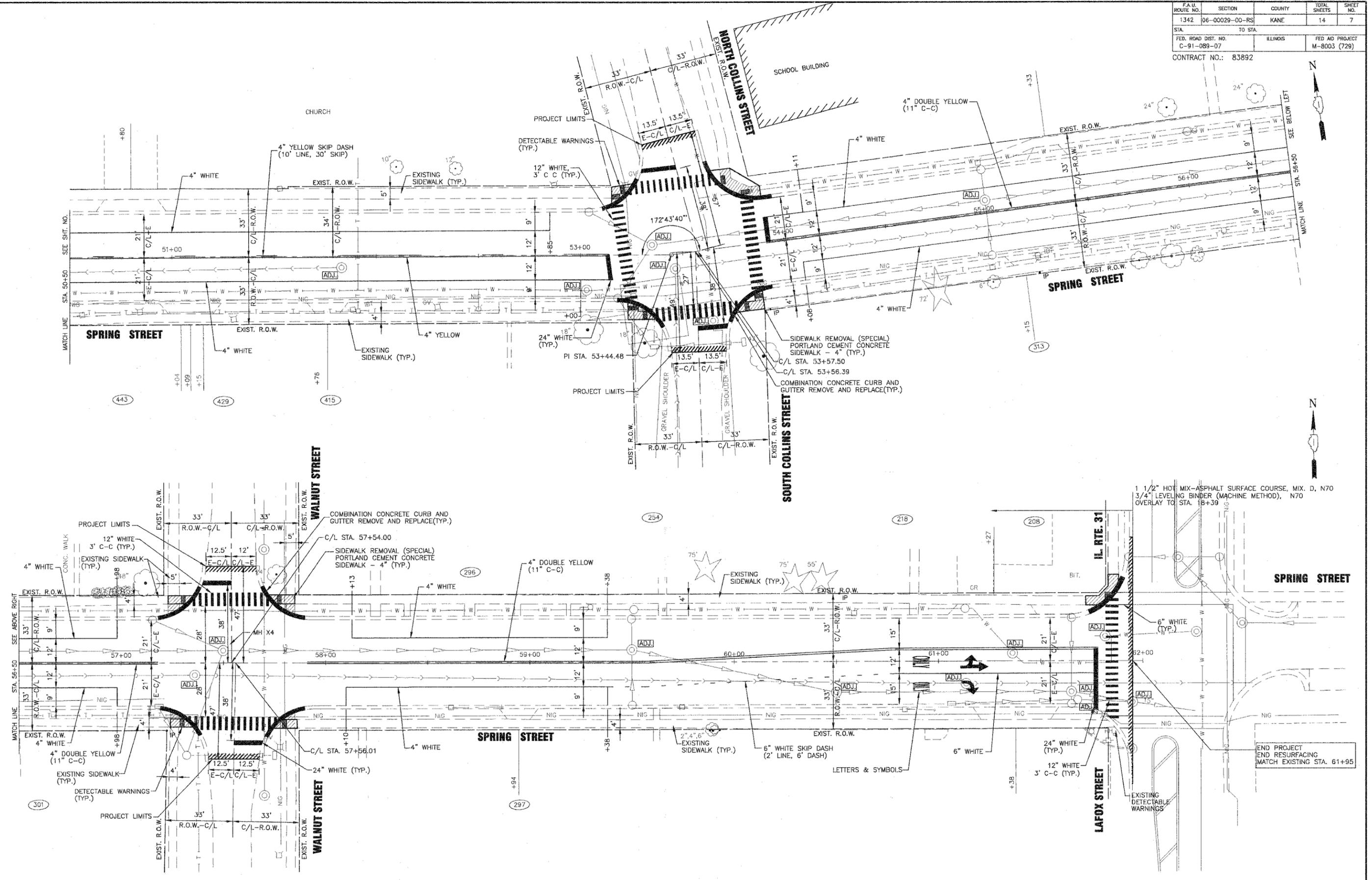
VILLAGE OF SOUTH ELGIN, ILLINOIS
FAU 1342 SPRING STREET
STP (LAPP) IMPROVEMENTS

DESIGNED BY JRR
DRAWN BY UKB
CHECKED BY MWP
DATE 8/18/06

SCALE HORIZ: 1"=20'
PROJECT NO. 051124
SHEET NO. 6 OF 14

SPRING STREET
STA. 38+50 TO STA. 50+50

FAU ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	7
STA.	TO STA.	ILLINOIS	FED AID PROJECT	
C-91-089-07			M-8003 (729)	
CONTRACT NO.: 83892				



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	2	11-22-06	PER I.D.O.T. REVIEW

* - REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

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 Crystal Lake, Illinois 815.459.1280
 Burlington, Wisconsin 262.765.7834
 Mokena, Illinois 708.478.2090
 DeKalb, Illinois 815.787.3111
 Graystone, Illinois 647.223.6088
 Rockford, Illinois 815.489.1651
 Plainfield, Illinois 815.609.7425

VILLAGE OF SOUTH ELGIN, ILLINOIS
FAU 1342 SPRING STREET
STP (LAPP) IMPROVEMENTS

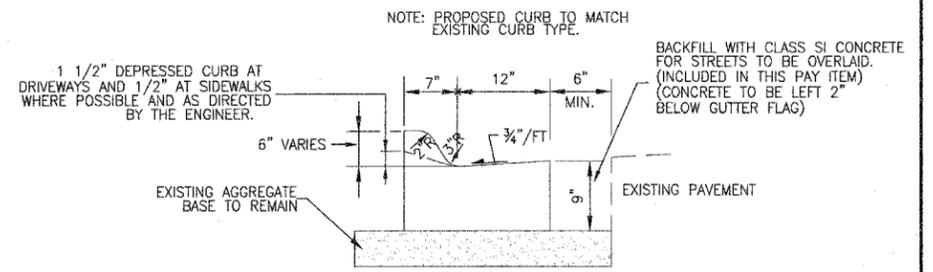
DESIGNED BY JRR
DRAWN BY UKB
CHECKED BY MWP
DATE 8/18/06

SCALE
 HORIZ: 1"=20'
 PROJECT NO. 051124
 SHEET NO. 7 OF 14

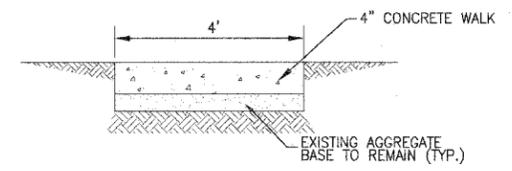
END PROJECT
END RESURFACING
MATCH EXISTING STA. 61+95

FAU ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	8
STA.	TO STA.	ILLINOIS		
FED. ROAD DIST. NO.		FED AID PROJECT		
C-91-089-07		M-8003 (729)		

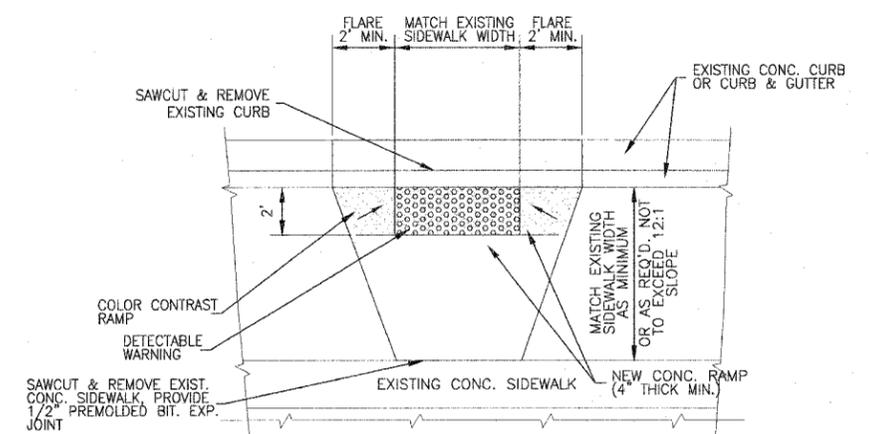
CONTRACT NO.: 83892



**DETAIL OF COMBINATION CONCRETE CURB & GUTTER
REMOVAL & REPLACEMENT**
NO SCALE



**PORTLAND CEMENT CONCRETE (P.C.C.)
SIDEWALK - 4-INCH**
NO SCALE



DETECTABLE WARNINGS DETAIL
NO SCALE

I:\SELO\051124\LAPP-DWGS\from_Croydick\051124-518.dwg - 518
 Plotter: 11-30-06 @ 10:26am By: 362pm
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CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	11-01-08	PER I.D.O.T. REVIEW
	2	11-22-06	PER I.D.O.T. REVIEW

* - REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

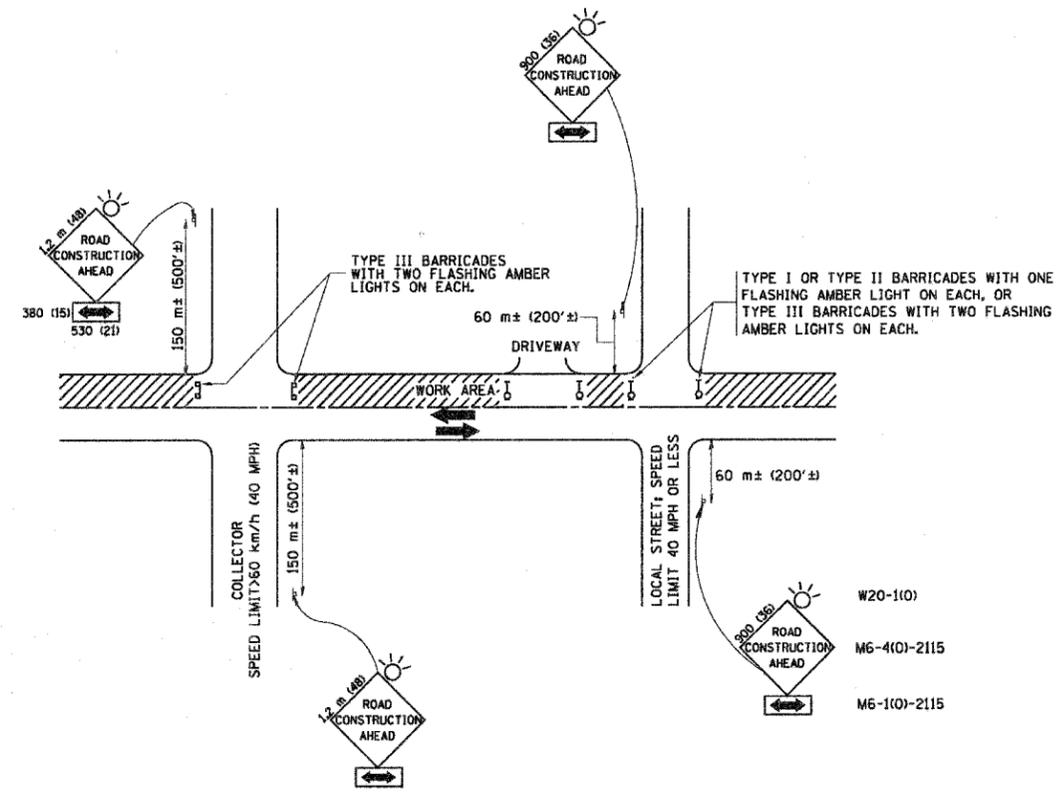
BAXTER & WOODMAN
Consulting Engineers

Baxter & Woodman
Crystal Lake, Illinois 815.459.1280
Burlington, Wisconsin 262.763.7884
Mokena, Illinois 708.478.2090
DeKalb, Illinois 815.795.3111
Crawfordsville, Illinois 847.823.5088
Rockford, Illinois 815.489.1551
Plainfield, Illinois 815.609.7425

VILLAGE OF SOUTH ELGIN, ILLINOIS
FAU 1342 SPRING STREET
STP (LAPP) IMPROVEMENTS

**MISCELLANEOUS
DETAILS**

DESIGNED BY	JRR	SCALE	NONE
DRAWN BY	LUKB	PROJECT NO.	051124
CHECKED BY	MWP	SHEET NO.	8 OF 14
DATE	8/18/06		



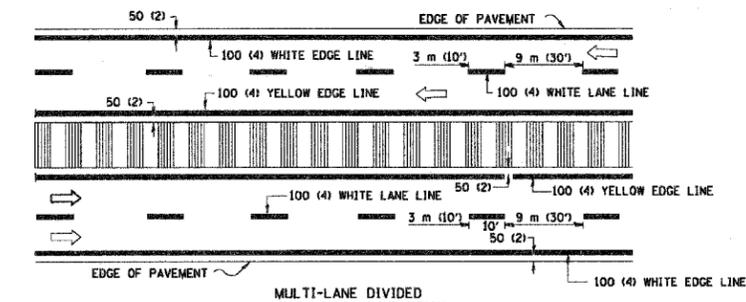
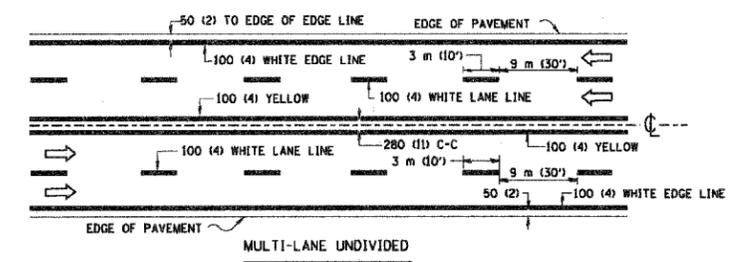
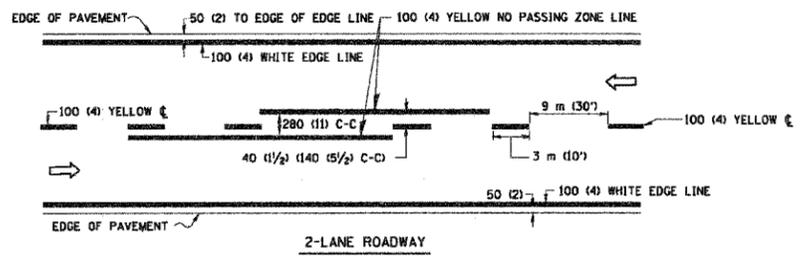
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

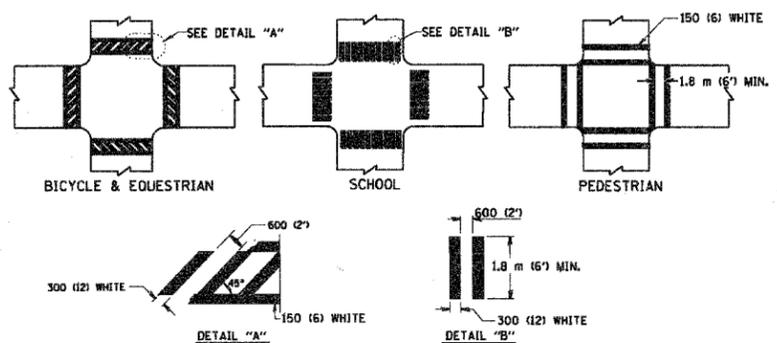
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701506 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.**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
NAME	DATE	
LHA	6/89	SCALE: DATE: 2/15/2006
T. RAMMACHER	09/08/94	
J. OBERLE	10/18/95	
A. HOUSEH	03/05/96	
A. HOUSEH	10/15/96	
T. RAMMACHER	01/06/00	DRAWN BY CHECKED BY
		TC-10

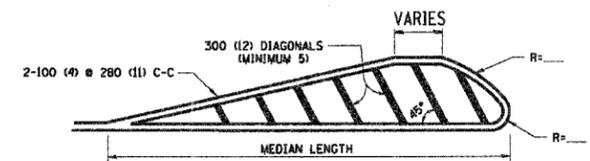
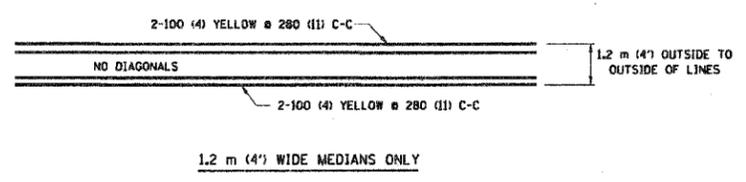
I:\SELGVA\051124\APP-DWG\from Croystoke\051124-SH9.dwg - SH9
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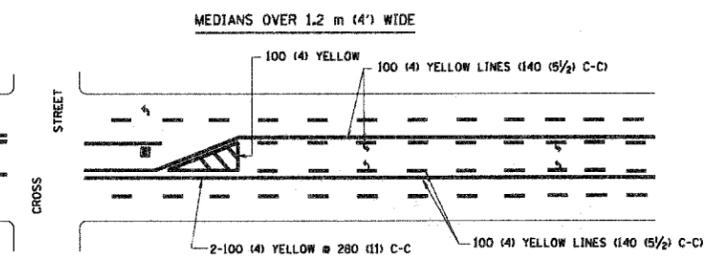
TYPICAL LANE AND EDGE LINE MARKING
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE



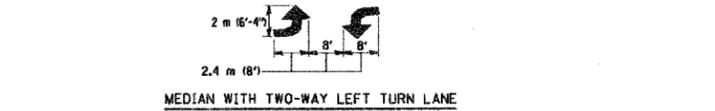
TYPICAL CROSSWALK MARKING



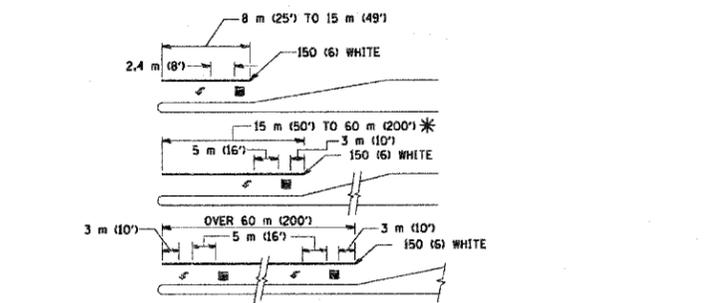
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
DIAGONAL LINE SPACING: 15 m (50') C-C (LESS THAN 50 km/h (30 MPH))
25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH))
45 m (150') C-C (MORE THAN 70 km/h (45 MPH))



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



TYPICAL PAINTED MEDIAN MARKING

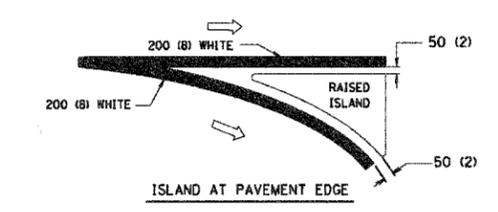
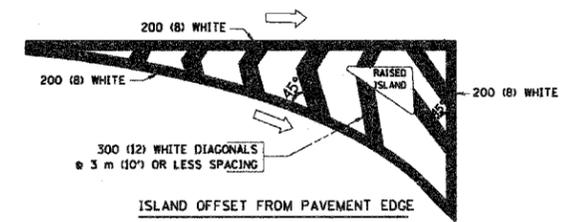


FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.
* AREA = 1.5 m² (15.6 SQ. FT.)

* TURN LANES IN EXCESS OF 120 m (400') 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	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (1) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (1) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) 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 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	280 (1) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" (5 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m ² (3.6 SQ. FT.) EACH "X"=5.0 m ² (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

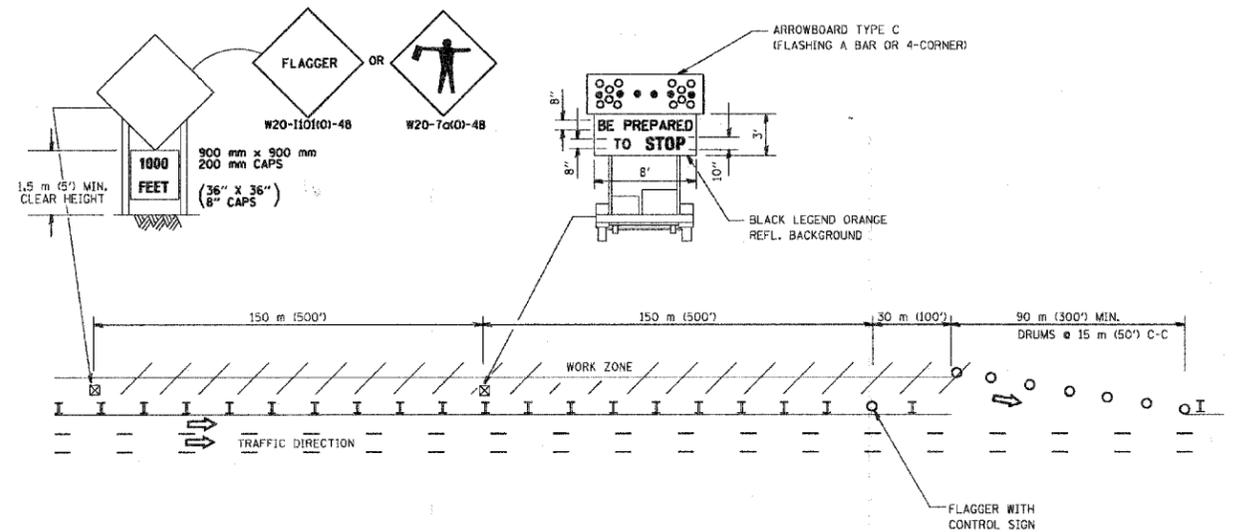
REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

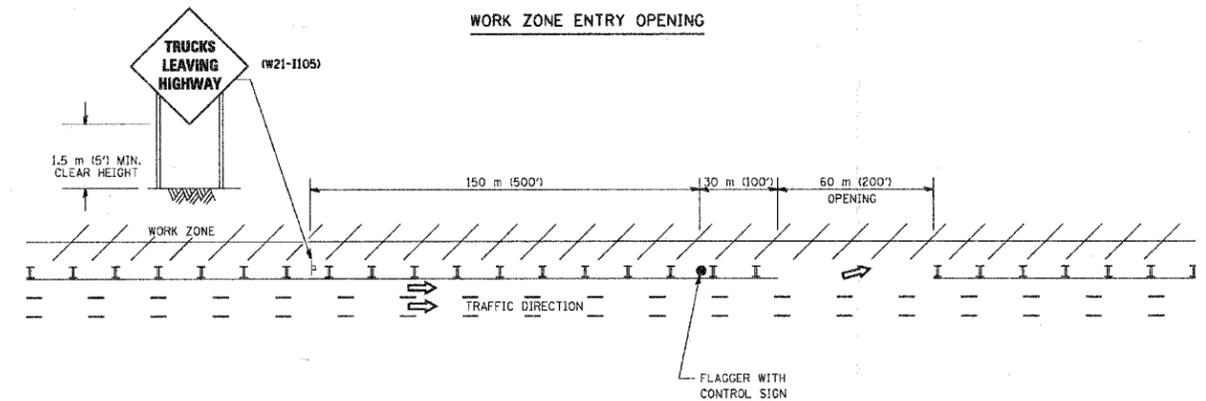
SCALE: NONE
DATE: 2/15/2005
DRAWN BY CADD
CHECKED BY
TC-13

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 MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03
JAF	2/06

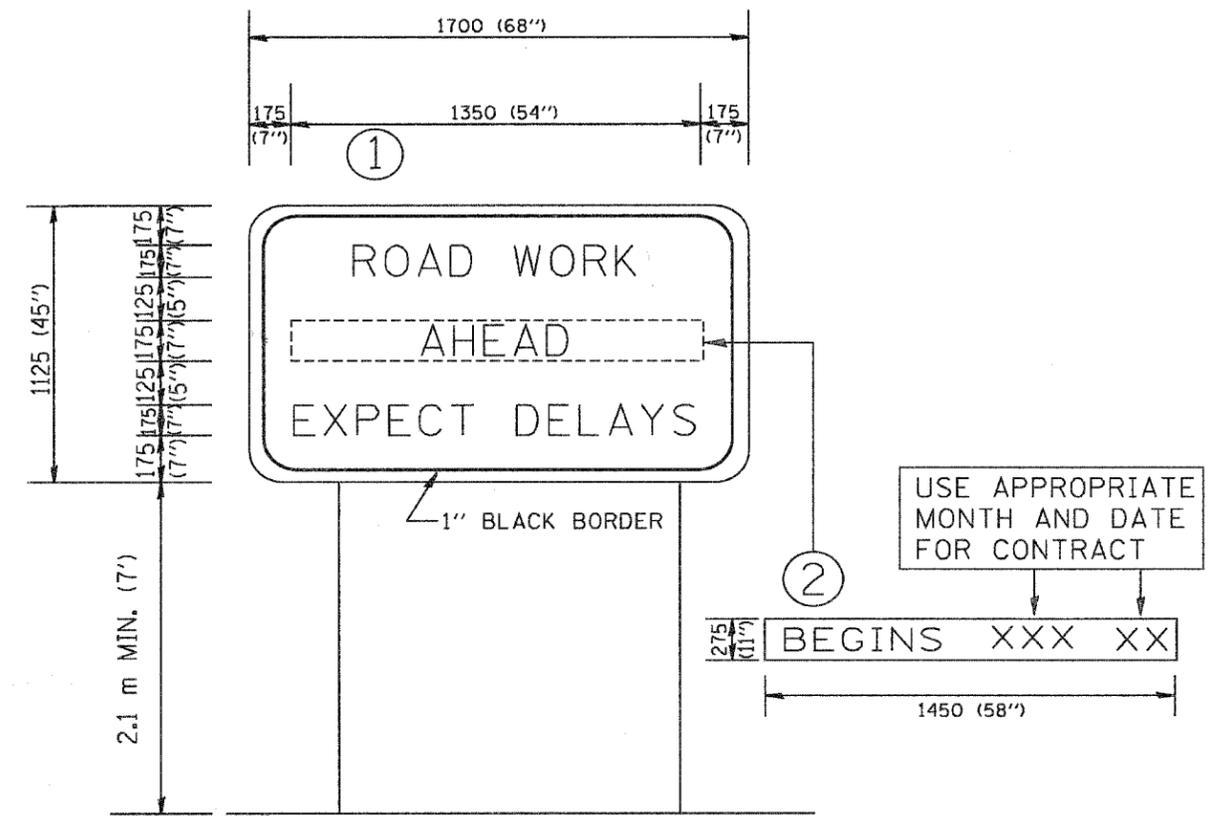
ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

SCALE: NONE
DATE: 3/1/2006

DRAWN BY CADD
CHECKED BY
TC-18

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1342	06-00029-00-RS	KANE	14	12
STA. TO STA.		ILLINOIS	FED AID PROJECT	
C-91-089-07			M-8003 (729)	

CONTRACT NO.: 83892



NOTES:

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

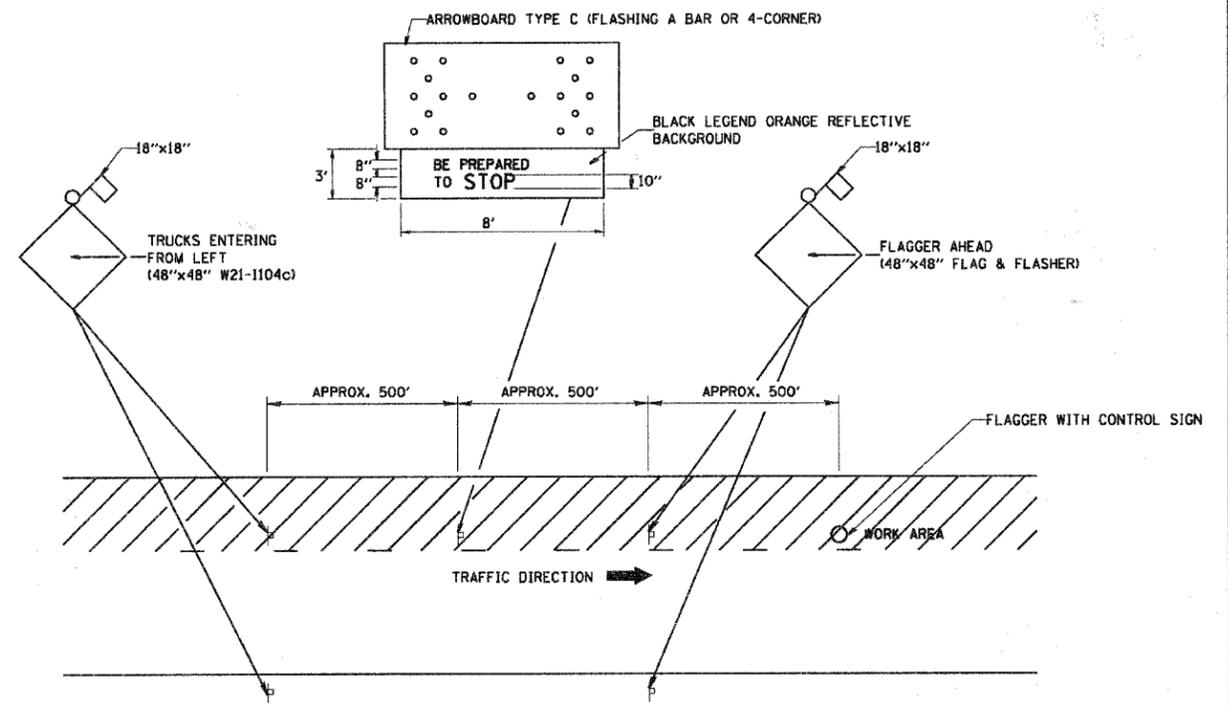
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY INFORMATION SIGNING

SCALE: DATE: 2/15/2006
 DRAWN BY DESIGN
 CHECKED BY
 TC22

I:\SEL\051124\1App-DWG\051124-SH12.dwg - SH12
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METHOD OF FLAGGING

NOTE:

- SIGNS SHALL BE MOUNTED AT A MINIMUM CLEARANCE HEIGHT OF 5 FEET
- ALL SIGNS SHALL BE REMOVED WHEN THE FLAGGING OPERATION CEASES.
- THIS CASE ALSO APPLIES WHEN THE WORK ZONE IS ON THE RIGHT. UNDER THESE CONDITIONS "TRUCKS ENTERING FROM RIGHT" SIGNS SHALL BE SUBSTITUTED FOR "TRUCKS ENTERING FROM LEFT" SIGNS. ALSO THE ARROWBOARD AND "BE PREPARED TO STOP" SIGNS SHALL BE RELOCATED TO THE RIGHT SIDE OF THE ROAD.
- WORK ZONE ACCESS POINTS SHOULD BE A MINIMUM OF ONE HALF MILE APART. MEDIAN WORK ZONE ACCESS POINTS SHOULD NOT BE LOCATED OPPOSITE OF EACH OTHER.
- NIGHTTIME FLAGGING OPERATIONS: THE FLAG STATION SHALL BE LIGHTED WITH ADDITIONAL LIGHTS OTHER THAN STREET LIGHTS. THE FLAGGER CONTROL SIGN AND THE FLAGGER'S VEST SHALL BE REFLECTORIZED. IN ADDITION, THE FLAGGER SHALL HAVE A FLASHLIGHT OR LIGHTED WAND.

I:\SELG\051124\APP-DWG5\from Graystone\051124-SH14.dwg - SH14
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
RAY RITCHIE	5/10/00	METHOD OF FLAGGING SCALE: NOT TO SCALE DATE: 2/15/2006 DRAWN BY: C.A.D. CHECKED BY: BM-14