

FAU RTE 1369	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCHICK RD.	07-00053-00-RS	DUPAGE	12	1
F.H.W.A. REG.	ILLINOIS	PROJECT NO. M-8003(760)		

CONTRACT NO. 83901

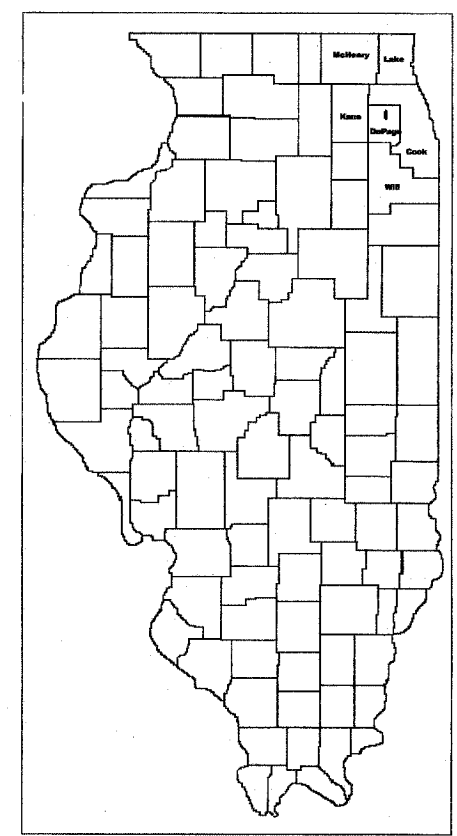
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID URBAN PROJECT

SCHICK ROAD (FAU 1369)
[FROM BLOOMINGDALE ROAD (FAU 2573) TO LORRAINE CIRCLE (FAU 2575)]
RESURFACING
PROJECT NO. M-8003(760)
SECTION NO. 07-00053-00-RS
VILLAGE OF BLOOMINGDALE
DUPAGE COUNTY
JOB NO. C-91-152-07

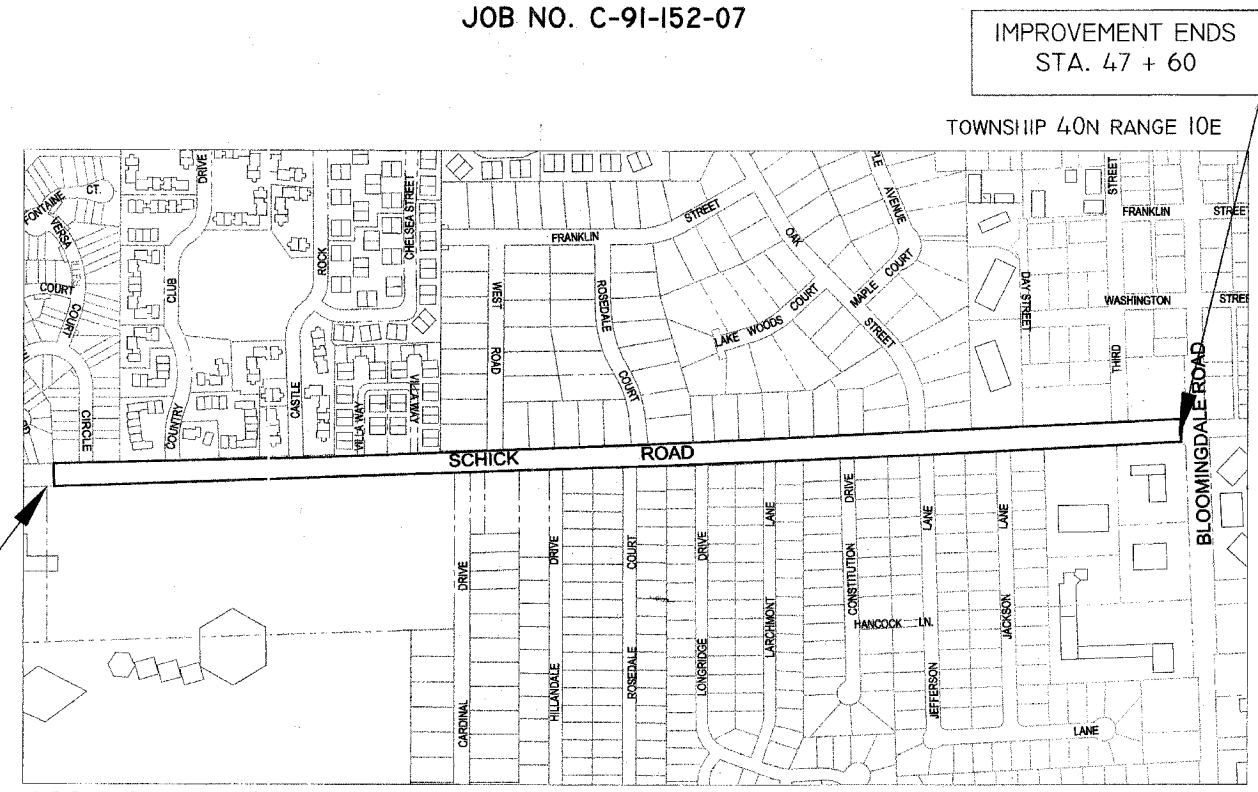


LOCATION OF SECTION 1

- INDEX OF SHEETS
- 1) COVER SHEET, INDEX OF SHEETS, LOCATION MAP
 - 2) GENERAL NOTES
 - 3) TYPICAL SECTION & SUMMARY OF QUANTITIES
 - 4) SCHICK ROAD OVERLAY & STORM SEWER PLAN(STA. 0+00 TO 23+60)
 - 5) SCHICK ROAD OVERLAY & STORM SEWER PLAN (STA. 23+60 TO 47+60)
 - 6) SCHICK ROAD STRIPING PLAN(STA. 0+00 TO 23+60)
 - 7) SCHICK ROAD STRIPING PLAN (STA. 23+60 TO 47+60)
 - 8) FRAMES AND LIDS ADJUSTMENT WITH & W/O MILLING
 - 9) CURB OR CURB & GUTTER REMOVAL & REPLACEMENT
 - 10) TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS.
 - 11) DISTRICT I TYPICAL PAVEMENT MARKINGS
 - 12) DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING

FEDERAL AID DESIGN ENGINEER: Abigail Wigreen - 847.705.4233

- STATE STANDARDS REQUIRED :
- | | |
|-----------|--|
| 000001-04 | STANDARD SYMBOLS, ABB. & PATTERNS |
| 424001-04 | SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED |
| 442101-06 | CLASS B PATCHES |
| 606001-03 | CONCRETE CURB AND COMBINATION CONC. CURB AND GUTTER |
| 701501-03 | URBAN LANE CLOSURE, 2L, 2W, DAY OR NIGHT OPERATIONS, FOR SPEEDS < 45 MPH |
| 701801-03 | LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE |
| 702001-06 | TRAFFIC CONTROL DEVICES |
| 780001-01 | TYPICAL PAVEMENT MARKINGS |



LOCATION MAP NOT TO SCALE

LOCATION MAP - SCHICK ROAD
LENGTH OF IMPROVEMENT
GROSS AND NET = 4760 FT. = .90 MILES
2002 ADT = 21,000
POSTED SPEED LIMIT = 35 MPH

FOR UNDERGROUND UTILITY
LOCATIONS CALL
J.U.L.I.E.
TOLL FREE
TEL 1-800-892-0123

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

APPROVED 2/15 2007
Abigail Wigreen
VILLAGE OF BLOOMINGDALE - VILLAGE ENGINEER

PASSED FEBRUARY 15 2007
Christopher Holt
DISTRICT # ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW
February 23 2007
Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION # ENGINEER

CONTRACT NO. 83901

PREPARED BY: **VILLAGE OF BLOOMINGDALE**
201 S. BLOOMINGDALE RD.
BLOOMINGDALE ILLINOIS 60108
(630) 893-7073

Abigail Wigreen
2/15/07
62-87624

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THE STATE OF ILLINOIS

FAU RTE 1369	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCHICK RD.	07-00053-00-RS	DUPAGE	12	2
F.H.W.A. REG.	ILLINOIS	PROJECT NO. M-8003(760)		

GENERAL NOTES

CONTRACT NO. 83901

- ALL REFERENCES TO THE "VILLAGE" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE VILLAGE OF BLOOMINGDALE.
- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON JANUARY 1, 2007.
- PAVEMENT GRADES. THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.
- PUBLIC OR PRIVATE UTILITIES. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE AND ITS ENGINEER DO NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM. IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE "STANDARD SPECIFICATIONS" THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE "STANDARD SPECIFICATIONS".
- SIGNS. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS AND THE SPECIAL PROVISION ENTITLED "TRAFFIC CONTROL AND PROTECTION".
- LOCATIONS OF DRAINAGE STRUCTURES. THE STATION/OFFSET/ELEVATION NOTED FOR ALL PROPOSED DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME IN ITS PROPER LOCATION. ALL OTHER STRUCTURE OFFSETS ARE TO THE CENTER OF STRUCTURE.
- TOP OF FRAME ELEVATIONS. PROPOSED TOP OF FRAME (T/F) ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE COST OF THE STRUCTURE.
- DAMAGE TO SEWER AND WATER SERVICES. ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SEWERS NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- CONCRETE BREAKERS
When removing curb, curb and gutter, pavement, sidewalk or any other structure, the Contractor shall take every precaution necessary to ensure he will not damage underground public or private utilities. Under no circumstances will the use of a frost ball concrete breaker be allowed.
- DISPOSAL OF SURPLUS MATERIAL
The Contractor is prohibited from burning any material within or adjacent to the improvement.
All excess or waste material shall either be hauled away from the site of the improvement by the Contractor and deposited at locations provided by him, or disposed of within the right of way in a manner other than burning, subject to the approval of the Engineer.
No extra compensation will be allowed the Contractor for any expense incurred by complying with the requirements of this Special Provision.
- ACCESS TO ABUTTING PROPERTY. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR PERIODS OF SHORT DURATION, AS APPROVED BY THE ENGINEER.
- PERSONNEL SAFETY. ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR A FLUORESCENT ORANGE VEST AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- PROTECTIVE COAT. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACES AND TOPS OF CURBS, SIDEWALKS, AND P.C.C. DRIVEWAYS.
- MONUMENTS. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- EXISTING SIGNS. THE CONTRACTOR SHALL REMOVE EXISTING SIGNS IN CONFLICT WITH PROPOSED CONSTRUCTION, STORE THEM IN PROTECTED LOCATIONS DURING CONSTRUCTION, AND REINSTALL THEM AFTER CONSTRUCTION AT THE DIRECTION OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE CONTRACT. DAMAGE TO EXISTING SIGNS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- DEPRESSED CURB. PROPOSED CURB SHALL BE DEPRESSED AT ALL SIDEWALK AND DRIVEWAY LOCATIONS AS DETERMINED BY THE ENGINEER.
- ALL CURB & GUTTER, SIDEWALK, PCC DRIVEWAY REMOVAL AND REPLACEMENT SECTIONS AND CLASS B PATCH AREAS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER, HOWEVER THEY ARE NOT TO EXCEED THE QUANTITY LISTED IN THE SUMMARY OF QUANTITIES.
- DETECTABLE WARNINGS ARE PROPOSED AT EACH CROSSWALK
- SAWING ASPHALT OR CONCRETE FOR REMOVAL ITEMS
The work shall consist of sawing joints in the existing roadway, hma surface, driveway pavement, curb and gutter and sidewalk in order to separate those portions to be removed from those which will remain in place. This work shall be performed at the locations specified on the plans and/or as otherwise designated by the Engineer. In areas of full depth removal, the saw cuts shall also be full depth. The Contractor will be required to saw vertical cuts so as to form clean vertical joints. Should the Contractor deface any edge, a new sawed joint shall be provided and any additional work, including removal and replacement, will be done at the Contractor's expense.
It is the Contractor's responsibility to determine the thickness of the existing pavement and whether or not it contains reinforcement. This work will not be paid for separately, but shall be considered incidental to the removal items for which the sawing is required.
- RESPONSIBILITY FOR VANDALISM
The Contractor shall be responsible for the defacement of any concrete pours before they have set up. Concrete sidewalk, driveway pavement or curb and gutter that has been defaced, in the opinion of the Engineer, shall be repaired or removed and replaced by the Contractor at his expense.
- WATER FOR CONSTRUCTION & USE OF FIRE HYDRANTS
Any use or attempt to access a fire hydrant within the Village without the engineers consent is strictly prohibited. Water may be obtained at the filling station, located at Public Works 305 Glen Ellyn Rd. and an account shall be arranged with the Village Services Department prior to obtaining water. With proper arrangements, water will be provided by the Village at no expense to the contractor for work solely on this project.

FAU RTE 1369	SECTION 07-00053-00-RS	COUNTY DUPAGE	TOTAL SHEETS 12	SHEET NO. 3
SCHICK RD.		PROJECT NO. M-8003(760)		
F.H.W.A. REG. ILLINOIS		CONTRACT NO. 83901		

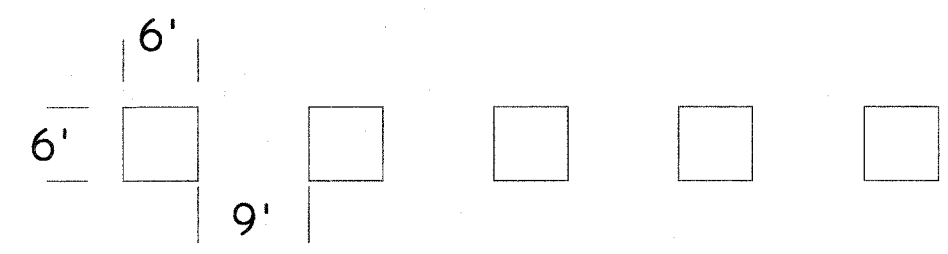
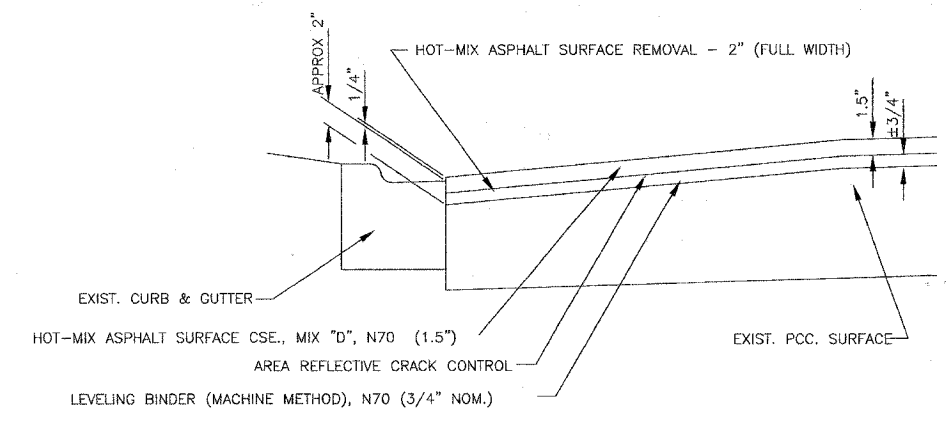
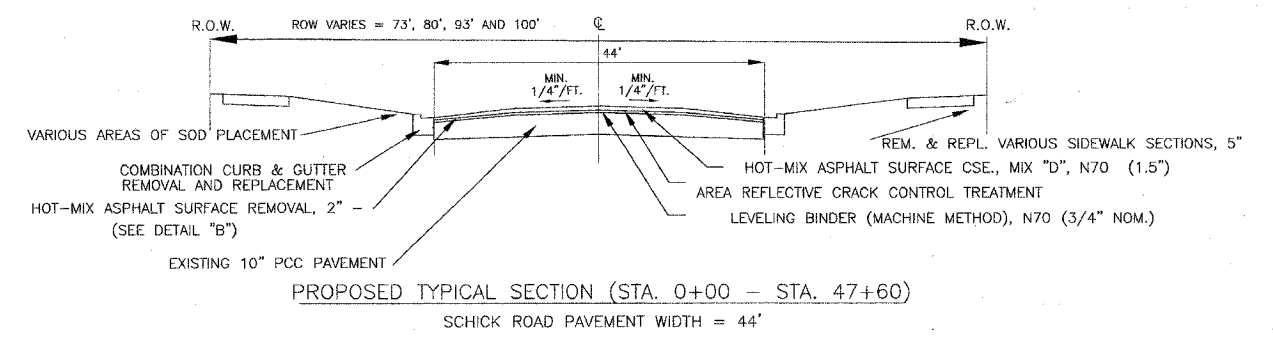
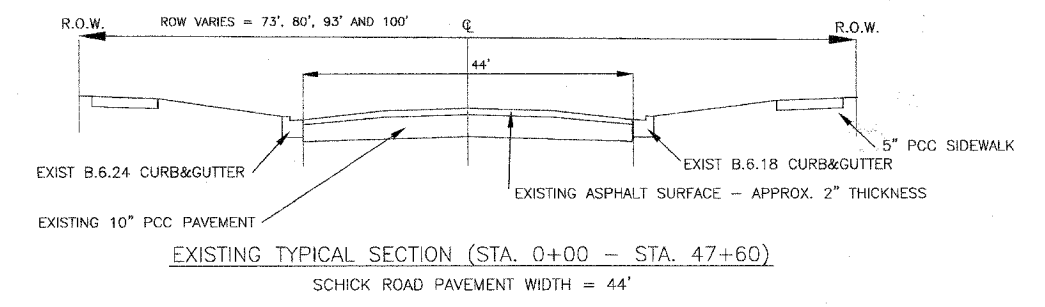
L23 07C

NO.	ITEM	UNIT	QUANTITY	NON-PARTICIPATING ITEM
			1000-2A	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ.YD.	700	
25000400	NITROGEN FERTILIZER NUTRIENT	LB	9	
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	LB	9	
25000600	POTASSIUM FERTILIZER NUTRIENT	LB	9	
25200110	SODDING, SALT TOLERANT	SQ.YD.	700	
25200200	SUPPLEMENTAL WATERING	UNIT	10	
40600635	LEVELING BINDER (Machine Method), N70	TON	1050	
40603340	HOT-MIX ASPHALT Surface Course, MIX "D", N70	TON	2450	
40800010	BIT. MATERIALS (PRIME COAT)	GAL.	2500	
40800030	AGGREGATE (PRIME COAT)	TON	75	
42001300	PROTECTIVE COAT	SQ.YD.	1060	
42300200	P.C.C. DRIVEWAY PAVEMENT 6"	SQ.YD.	50	
42400800	DETECTABLE WARNINGS	SQ.FT.	1250	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL - 2"	SQ.YD.	25017	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ.YD.	50	
44001700	COMBINATION CONCRETE C & G REMOVE & REPLACE	FT.	4800	
44200934	CLASS B PATCH - TYPE II, 8"	SQ.YD.	500	
44200942	CLASS B PATCH - TYPE III, 8"	SQ.YD.	1000	
44200944	CLASS B PATCH - TYPE IV, 8"	SQ.YD.	1000	
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ.YD.	25017	
55019500	STORM SEWER TYPE 1 RCP, CLASS IV 12"	FT.	8	
60107700	PIPE UNDERDRAINS, 6"	FT.	0	50
60237600	INLETS, TYPE A, TYPE B-24 FRAME & GRATE	EACH	1	
60238500	INLETS, TYPE A, WITH SALVAGED FRAME & GRATE	EACH	6	
60242400	INLETS, SPECIAL	EACH	0	1
60260100	INLETS TO BE ADJUSTED	EACH	28	
60266500	VALVE VAULTS TO BE REMOVED	EACH	2	
60300305	FRAME & LID TO BE ADJUSTED	EACH	42	
60500060	REMOVING INLETS	EACH	7	
67100100	MOBILIZATION	L. SUM	1	
70102620	TRAFFIC CONTROL & PROTECTION, STANDARD 701501	L. SUM	1	
70102640	TRAFFIC CONTROL & PROTECTION, STANDARD 701801	L. SUM	1	
70300100	SHORT TERM PAVEMENT MARKING	FT.	7000	
* 78000100	THERMOPLASTIC PAVEMENT MARKING, LETTER & SYMBOLS	SQ.FT.	319	
* 78000200	THERMOPLASTIC PAVEMENT MARKING, LINE - 4"	FT.	11750	
* 78000400	THERMOPLASTIC PAVEMENT MARKING, LINE - 6"	FT.	1250	
* 78000600	THERMOPLASTIC PAVEMENT MARKING, LINE - 12"	FT.	250	
* 78000650	THERMOPLASTIC PAVEMENT MARKING, LINE - 24"	FT.	110	
* 88600100	DETECTOR LOOP - TYPE 1	FT.	1050	
XX001306	SIDEWALK REMOVE & REPLACE	SQ.FT.	3500	
XX006866	VALVE VAULTS, 4'-DIAM., WITH SALVAGED FRAME & GRATE	EACH	2	

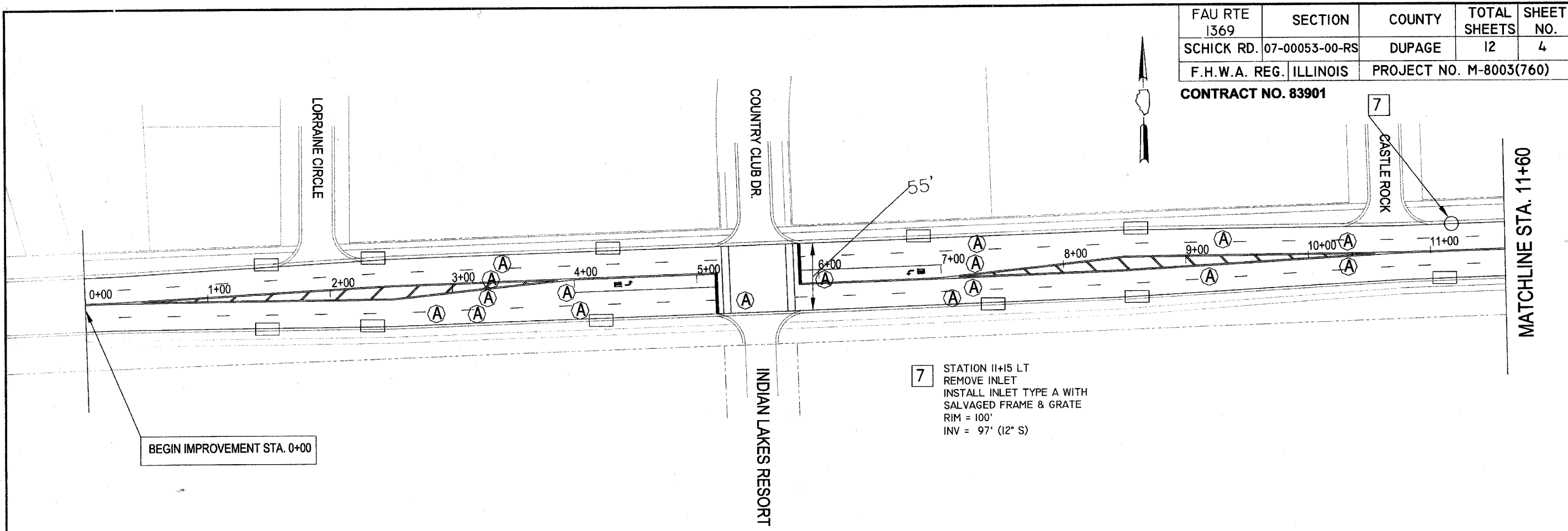
* SPECIALITY ITEM

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
ITEM	AC TYPE	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 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

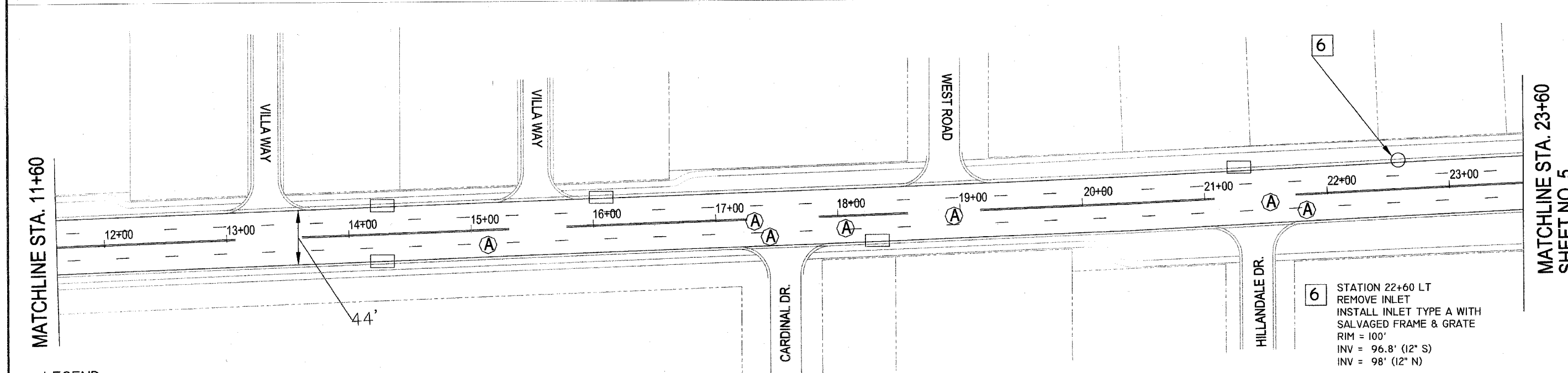


FAU RTE 1369	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCHICK RD.	07-00053-00-RS	DUPAGE	12	4
F.H.W.A. REG.	ILLINOIS	PROJECT NO. M-8003(760)		
CONTRACT NO. 83901				



BEGIN IMPROVEMENT STA. 0+00

7 STATION 11+15 LT
REMOVE INLET
INSTALL INLET TYPE A WITH
SALVAGED FRAME & GRATE
RIM = 100'
INV = 97' (12" S)



MATCHLINE STA. 11+60

MATCHLINE STA. 23+60
SHEET NO. 5

6 STATION 22+60 LT
REMOVE INLET
INSTALL INLET TYPE A WITH
SALVAGED FRAME & GRATE
RIM = 100'
INV = 96.8' (12" S)
INV = 98' (12" N)

- LEGEND
- = INLETS TO BE ADJUSTED
 - = INLETS, TYPE A, SALVAGED FRAME & GRATE
 - ▽ = INLETS, TYPE A, TYPE B.24 FRAME & GRATE
 - ⊙ = VALVE VAULTS, 4' DIAMETER WITH SALVAGED FRAME & GRATE
 - Ⓐ = FRAME & LID TO BE ADJUSTED

PREPARED BY: **VILLAGE OF BLOOMINGDALE**
201 S. BLOOMINGDALE RD.
BLOOMINGDALE ILLINOIS 60108
(630) 893-7073

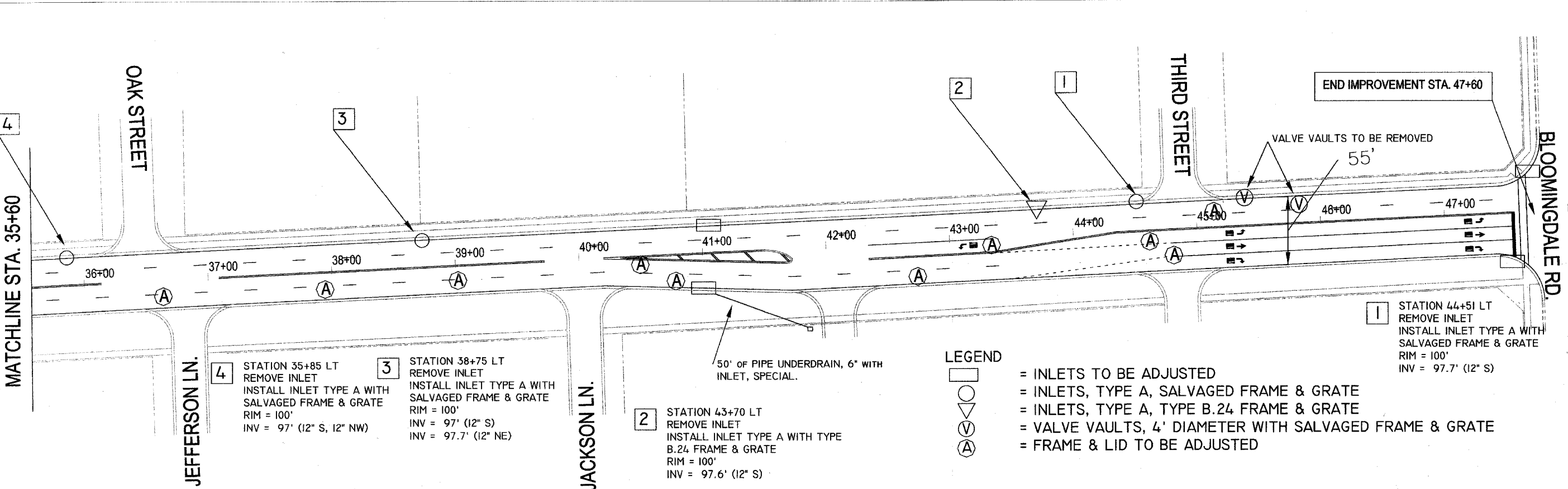
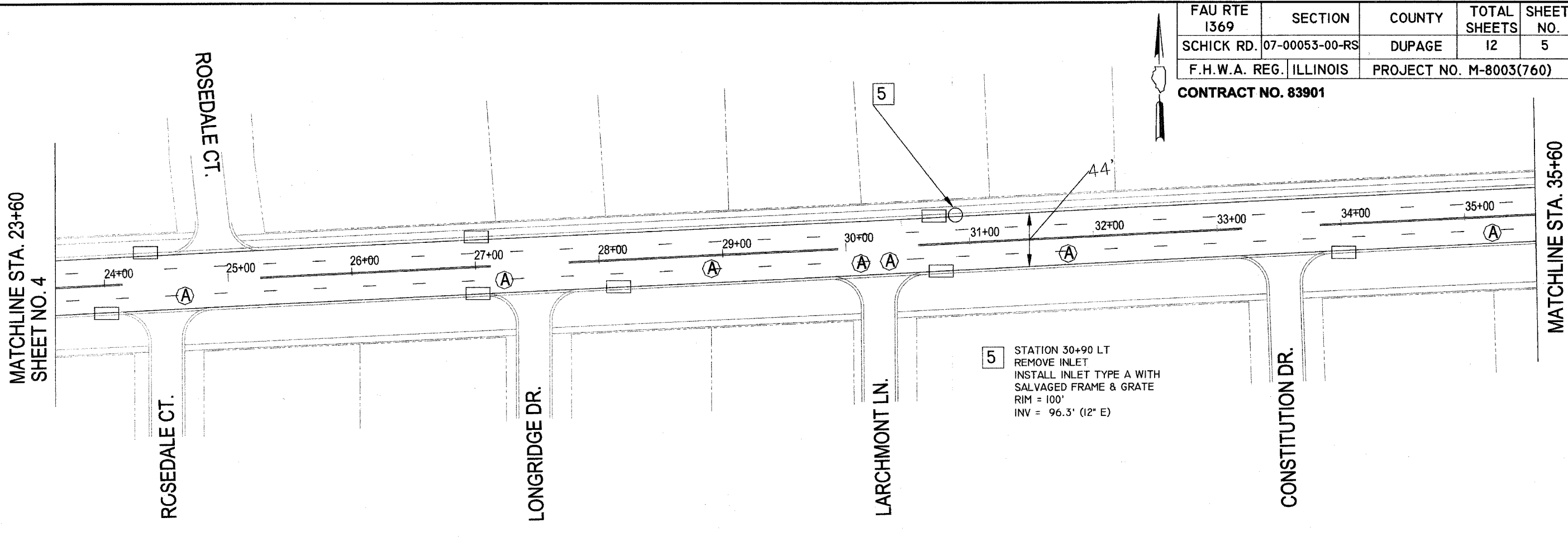
PROJECT NAME: **2007 LAPP PROJECT**
SCHICK ROAD - BLOOMINGDALE to LORRAINE CIRCLE

DATE: 11-6-06
SCALE: 1" = 40'
DRAWN BY: B.P.S.
APPROVED BY:

REVISIONS	
1.	4.
2.	5.
3.	6.

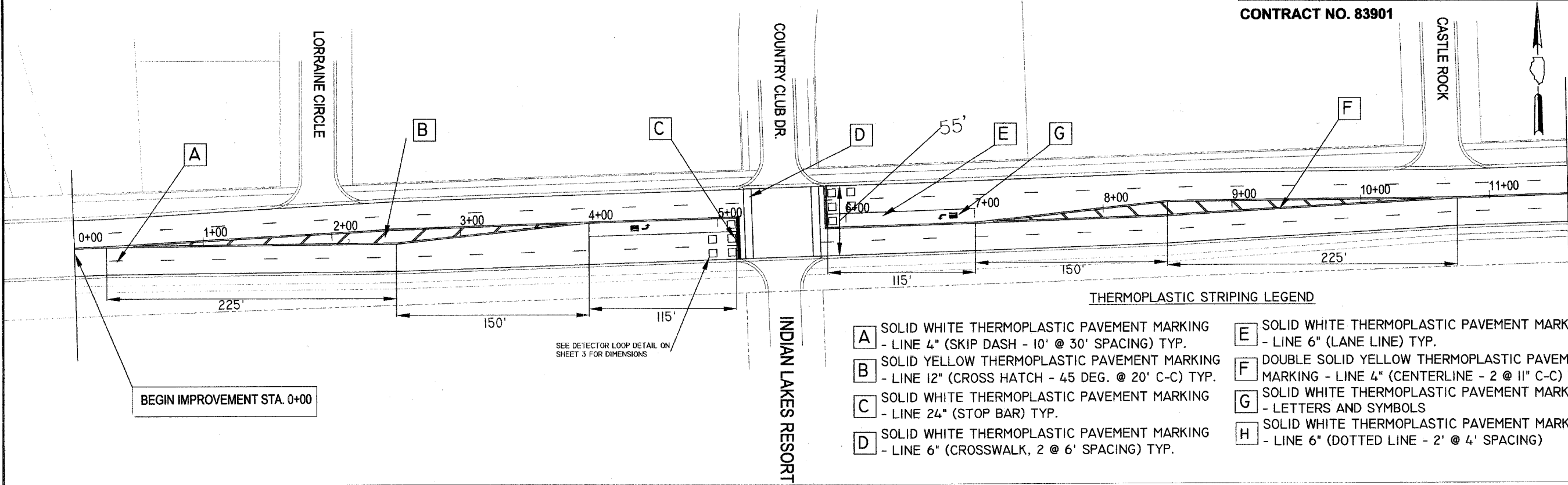
SHEET NO.
04
12

FAU RTE 1369	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCHICK RD.	07-00053-00-RS	DUPAGE	12	5
F.H.W.A. REG. ILLINOIS		PROJECT NO. M-8003(760)		
CONTRACT NO. 83901				



FAU RTE 1369	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCHICK RD.	07-00053-00-RS	DUPAGE	12	6
F.H.W.A. REG. ILLINOIS	PROJECT NO. M-8003(760)			

CONTRACT NO. 83901



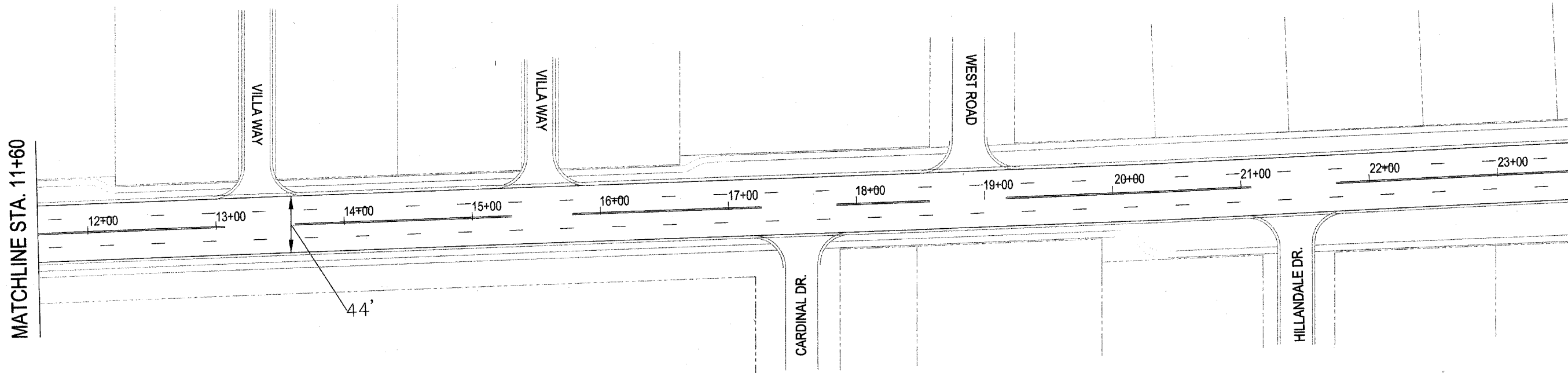
BEGIN IMPROVEMENT STA. 0+00

SEE DETECTOR LOOP DETAIL ON SHEET 3 FOR DIMENSIONS

THERMOPLASTIC STRIPING LEGEND

- A** SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP DASH - 10' @ 30' SPACING) TYP.
- B** SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 12" (CROSS HATCH - 45 DEG. @ 20' C-C) TYP.
- C** SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR) TYP.
- D** SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK, 2 @ 6' SPACING) TYP.
- E** SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (LANE LINE) TYP.
- F** DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (CENTERLINE - 2 @ 11" C-C) TYP.
- G** SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- H** SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED LINE - 2' @ 4' SPACING)

MATCHLINE STA. 11+60

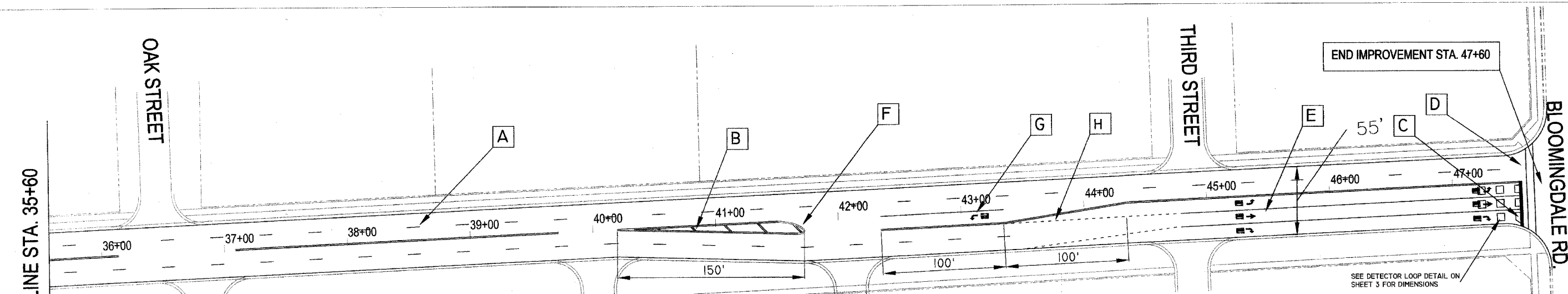
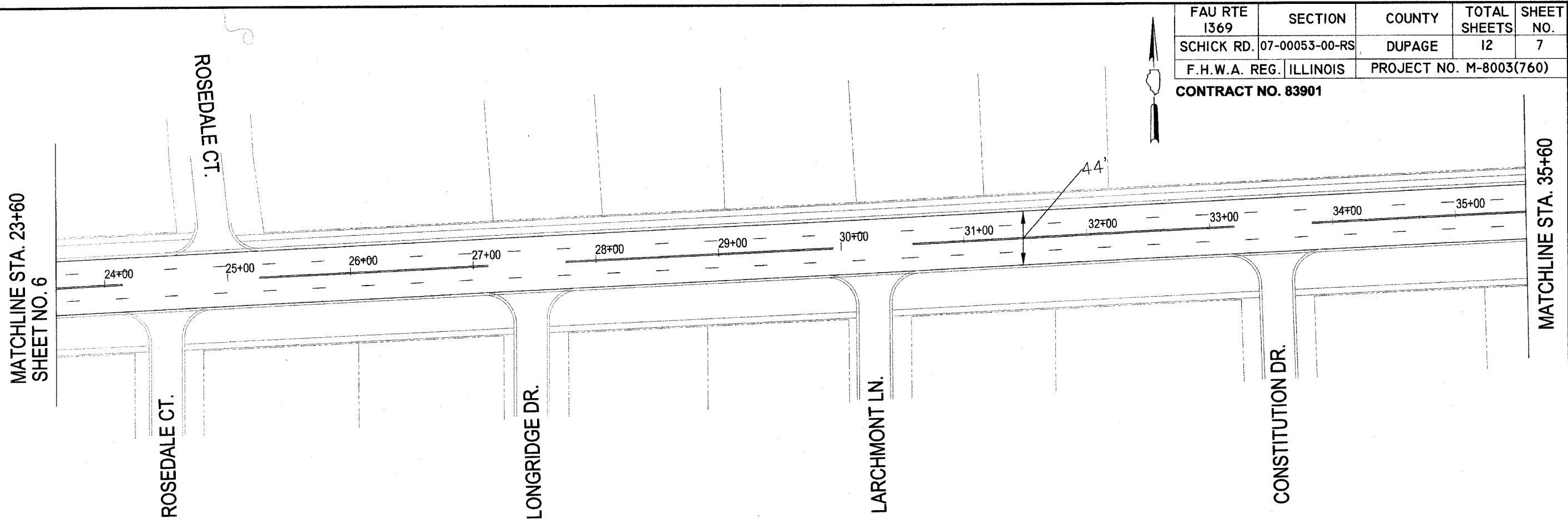


MATCHLINE STA. 11+60

MATCHLINE STA. 23+60
SHEET NO. 7

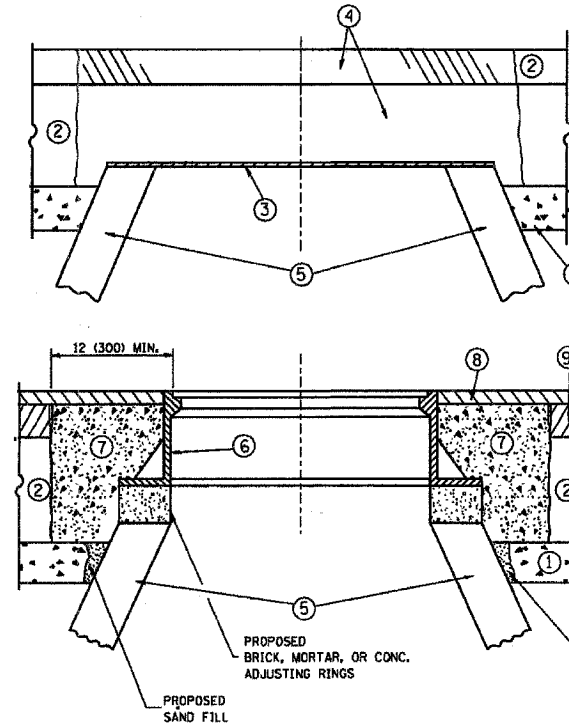
FAU RTE 1369	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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- THERMOPLASTIC STRIPING LEGEND**
- | | |
|---|--|
| A SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
- LINE 4" (SKIP DASH - 10' @ 30' SPACING) TYP. | E SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
- LINE 6" (LANE LINE) TYP. |
| B SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING
- LINE 12" (CROSS HATCH - 45 DEG. @ 20' C-C) TYP. | F DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING
- LINE 4" (CENTERLINE - 2 @ 11" C-C) TYP. |
| C SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
- LINE 24" (STOP BAR) TYP. | G SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
- LETTERS AND SYMBOLS |
| D SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
- LINE 6" (CROSSWALK, 2 @ 6' SPACING) TYP. | H SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
- LINE 6" (DOTTED LINE - 2' @ 4' SPACING) |

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1369	07-0053-00-46	DuPage	12	8
STA.		TO STA.		
FED. ROAD DIST. NO. 1 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 1/2 (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 SI 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.

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 SI 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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/30/98
R. SHAH	03/10/98
A. ABBAS	03/21/97
R. WIEDEMAN	05/14/04
R. BORD	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
**DETAILS FOR
 FRAMES AND LIDS ADJUSTMENT
 WITH MILLING**

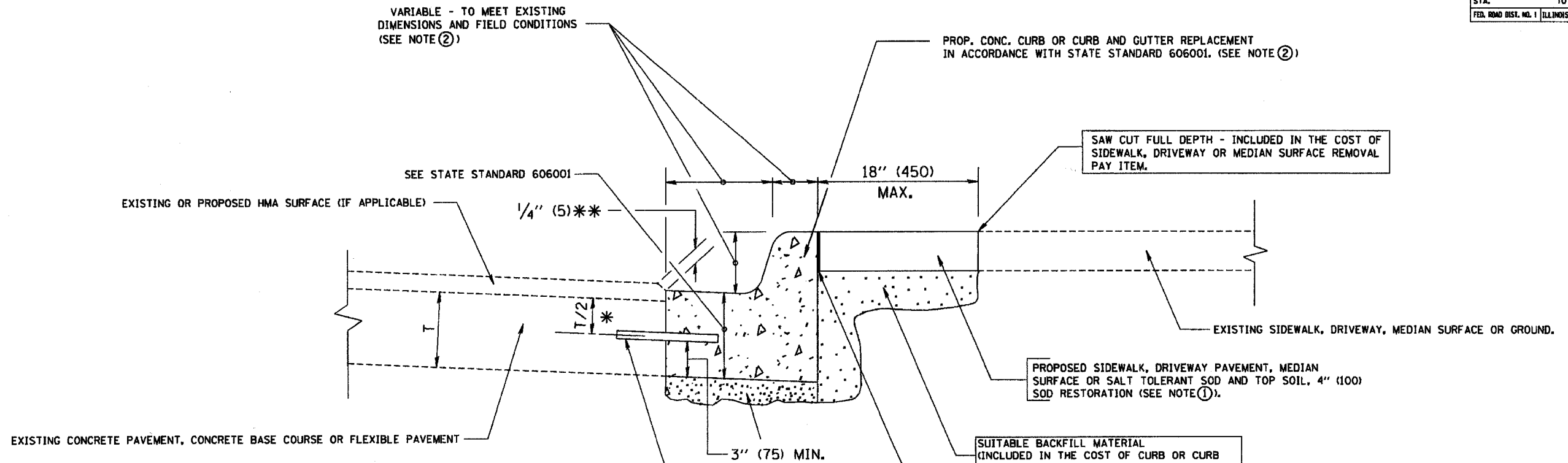
SCALE: VERT. NONE
 HORIZ. NONE
 PLOT DATE: 10/31/2006

DRAWN BY
 CHECKED BY

BD600-03 (8D-8)
 REVISION DATE: 01/01/07

PLOT DATE: 10/31/2006
 FILE NAME: I:\Users\j\Documents\83901\83901.dwg
 USER NAME: j
 USER DATE: 10/31/2006

F.A.D. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
134107-00023-00-04	Dr/Prop		12	9
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



- * 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 USUABLE 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".

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/96
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABAS	03/21/97
M. COMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: VERT. NONE
HORIZ. 1"=20'
PLOT DATE: 12/27/2006

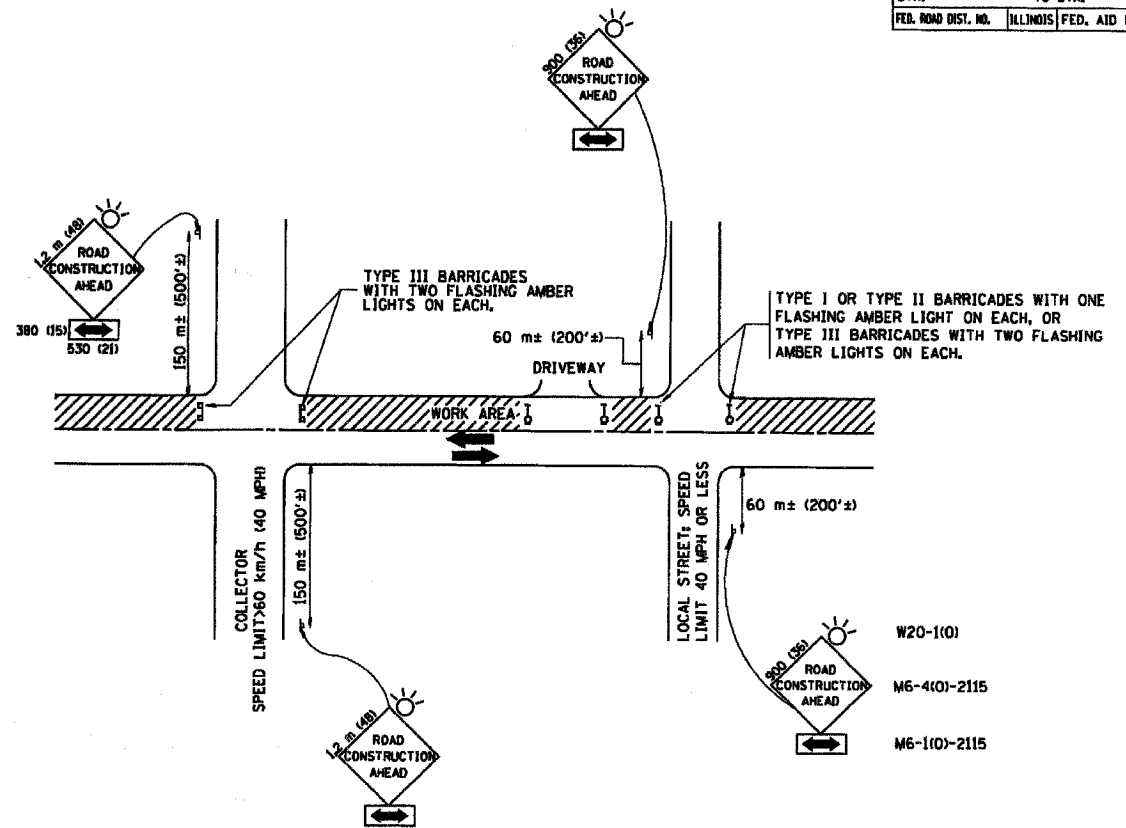
DRAWN BY
CHECKED BY

BD600-06 (8D-24)

REVISION DATE: 01/01/07

PLOT DATE: 12/27/2006
 FILE NAME: C:\Users\mshah\Documents\83901.dwg
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: mshah

F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1389	07-00053-00-06	DuPage	12	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) 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.
 - 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 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) 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.
 - 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 SIKING 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.

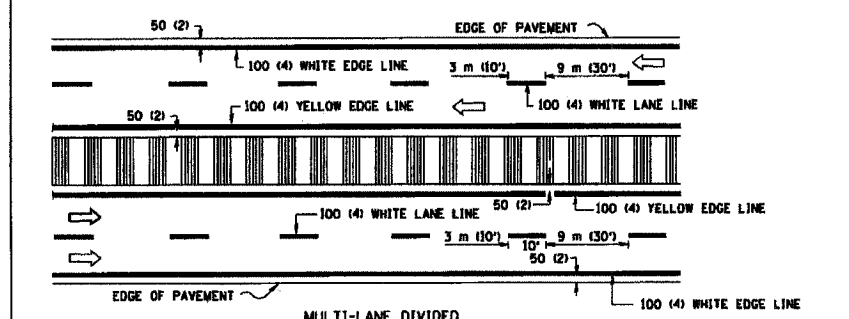
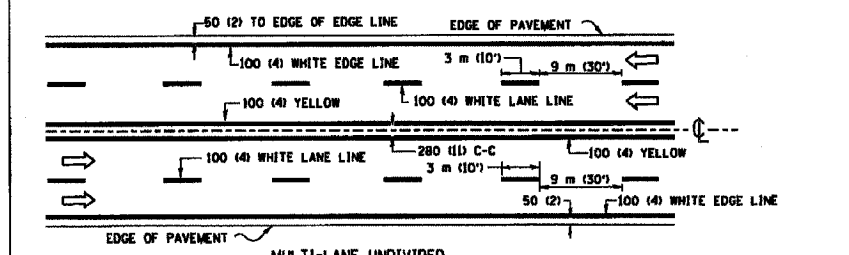
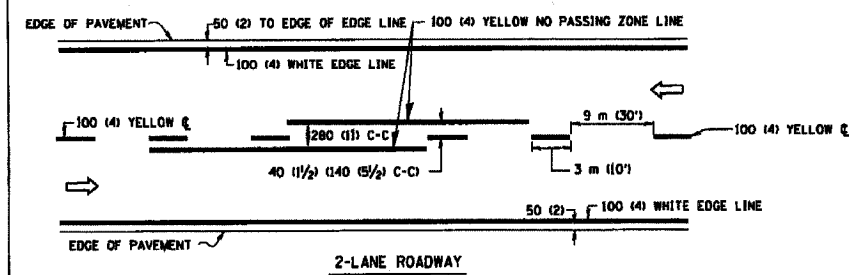
D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL AND PROTECTION
 FOR
 SIDE ROADS, INTERSECTIONS, AND
 DRIVEWAYS

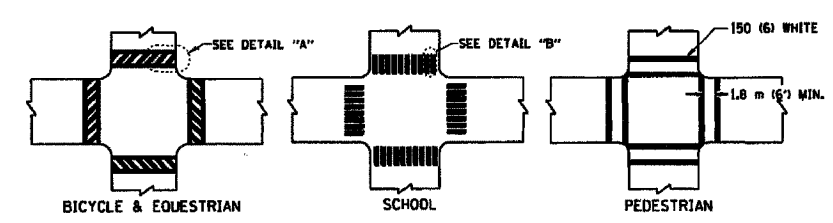
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 DRAWN BY: CHECKED BY: TC-10
 REVISION DATE: 01/06/00

PLOT DATE: 2/15/2006
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 USER: MHC

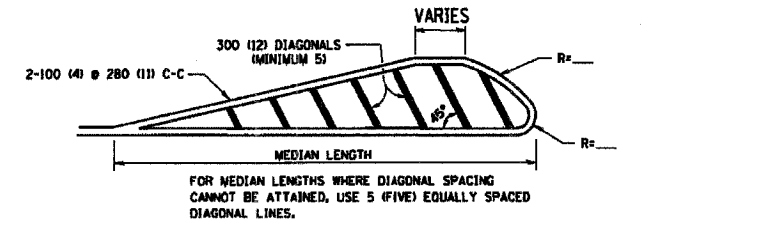
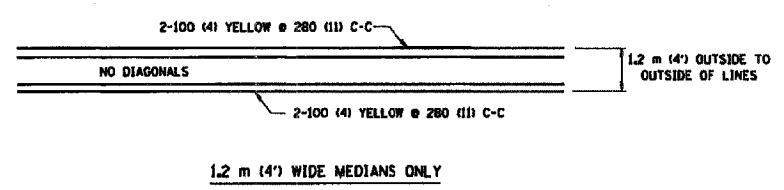


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

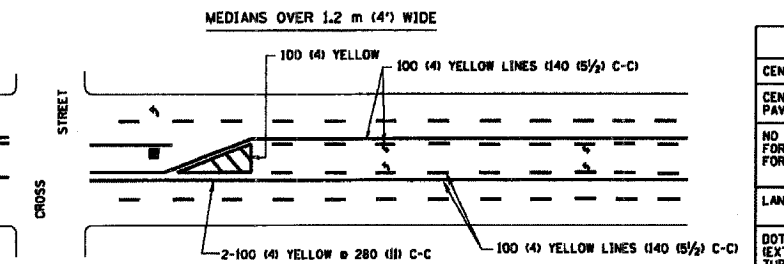
TYPICAL LANE AND EDGE LINE MARKING



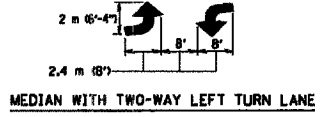
TYPICAL CROSSWALK MARKING



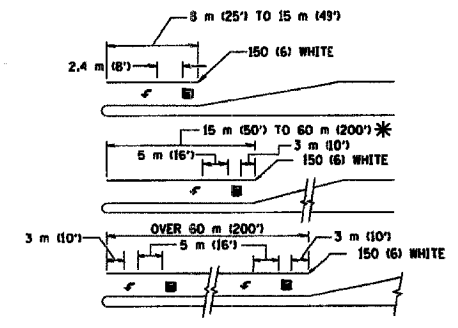
DIAGONAL LINE SPACING: 15 m (50') C-C (LESS THAN 50 km/h (30 MPH))
 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH))
 45 m (150') C-C (MORE THAN 70 km/h (45 MPH))



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.



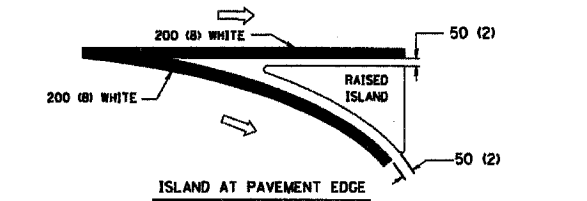
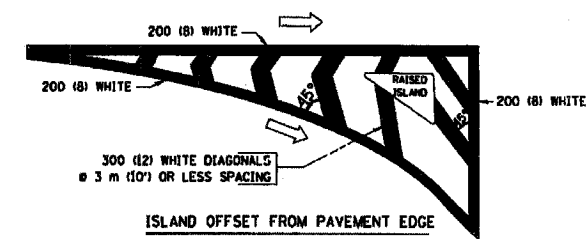
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.
 * AREA = 1.5 m² (15.6 SQ. FT.) □ AREA = 1.9 m² (20.8 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 MARKING

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 (11) 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 (11) 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 (11) 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" IS 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

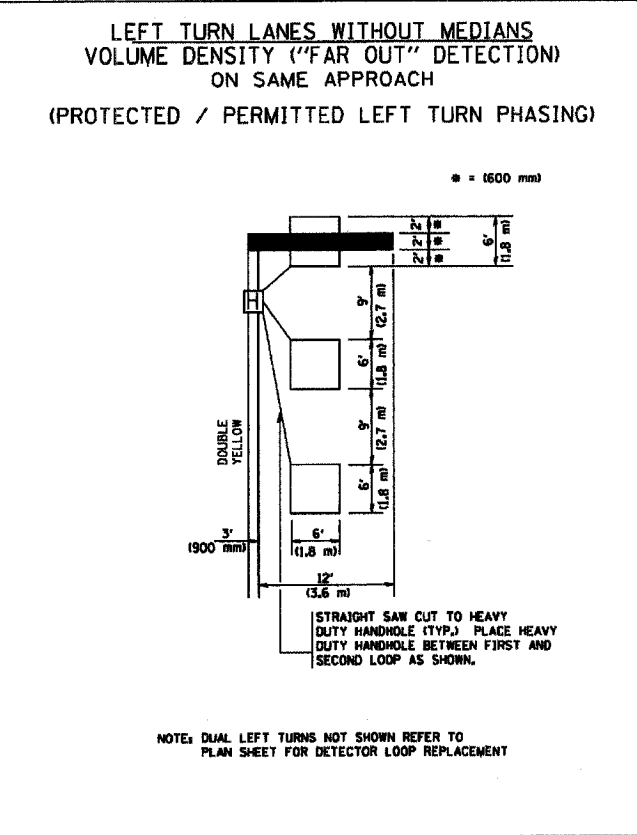
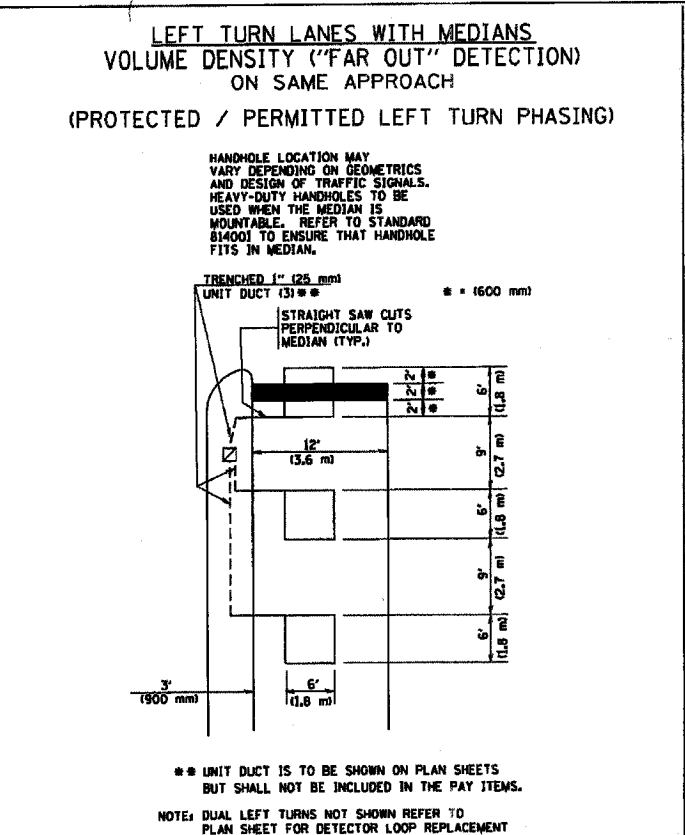
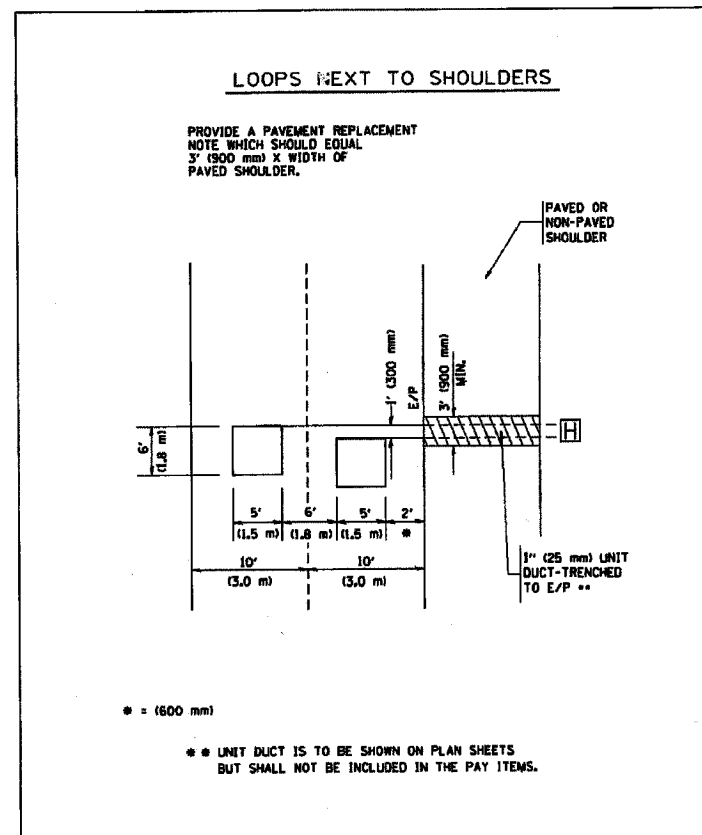
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE
 TYPICAL PAVEMENT MARKINGS

SCALE: NONE
 DATE: 2/15/2006
 DRAWN BY CADD
 CHECKED BY

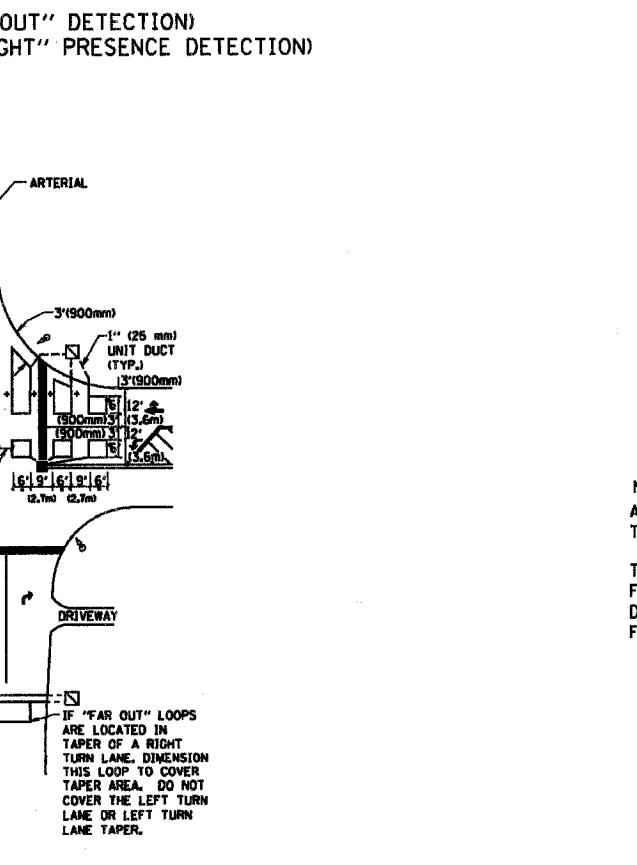
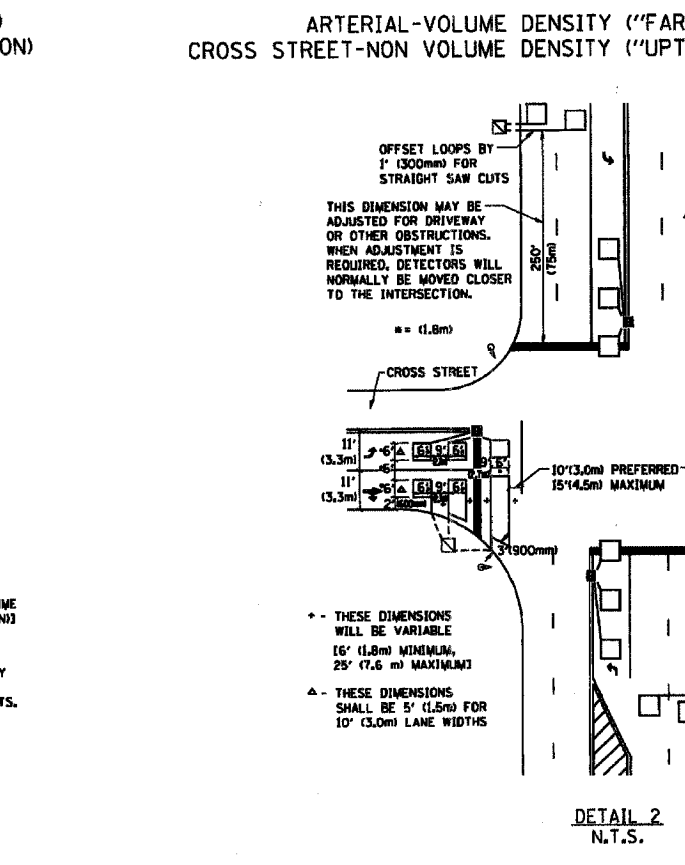
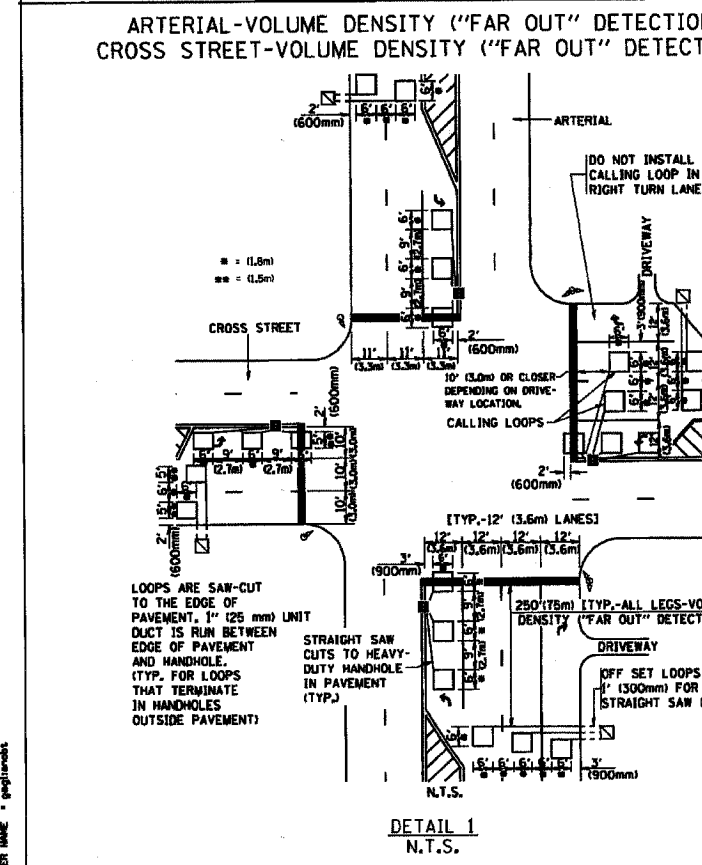
TC-13
 REVISION DATE: 01/06/00

PLANT DATE: 2/15/2006
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 USER: jramm
 CUBIN: jramm

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
136A	07-00053-00-05	DuPage	12
STA. TO STA.			12
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 DIMENSIONS 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.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT 1 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING
NAME	DATE	
		DESIGNED BY
		DRAWN BY CAD
		CHECKED BY R.K.F.
		TSOT
		REVISION DATE:

SCALE: NONE
DATE: 2/15/2006

PLOT DATE: 2/15/2006
 PLOT SCALE: AS SHOWN / IN.
 USER NAME: greg@statest.com