

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	1

CONTRACT NO: 62751
D-91-213-04

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 326 (IL 47)
GALENA BOULEVARD TO SEAVEY ROAD
SECTION 107RS-2
RESURFACING (MAINTENANCE)
KANE COUNTY
C-91-213-04

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

GALENA BLVD TO BLISS RD
SPEED LIMIT = 45 MPH
2005 ADT = 18,700

BLISS RD TO HARTER RD
SPEED LIMIT = 55 MPH
2005 ADT = 16,700

HARTER RD TO SEAVEY RD
SPEED LIMIT = 55 MPH
2005 ADT = 12,000



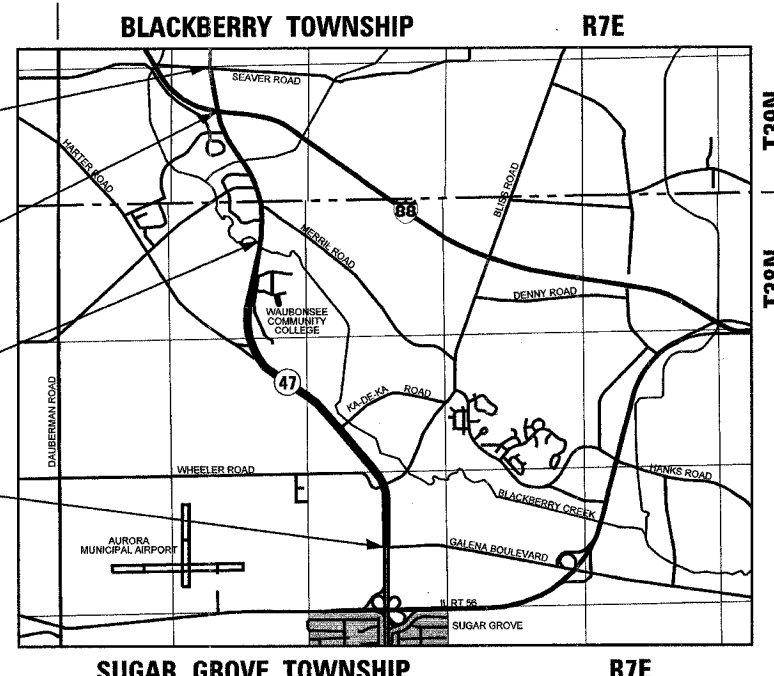
IMPROVEMENT LOCATED IN THE VILLAGE OF SUGAR GROVE AND KANE COUNTY

IMPROVEMENT ENDS
STA. 245 + 24

BRIDGE OMMISION
STA. 226 + 85 TO STA. 229 + 83

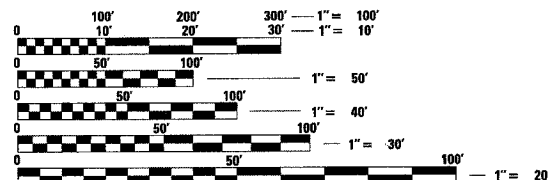
BRIDGE OMMISION
STA. 173 + 08 TO STA. 175 + 18

IMPROVEMENT BEGINS
STA. 31 + 40



GROSS LENGTH OF IMPROVEMENT = 21,384 FT = 4.05 MILES
NET LENGTH OF IMPROVEMENT = 20,876 FT = 3.95 MILES

MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE ON THE FOLLOWING SHEETS _____



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

CONTRACT NO. 62751

DISTRICT ONE - BUREAU OF DESIGN
PROJECT MANAGER: RUSS SINHA (847)705-4209

Edward J. Kilm
REGISTERED P.E. STATE OF ILLINOIS
11-30-07
EXPIRES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 21 20 07

Bione O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Eric E. Harrel
ENGINEER OF DESIGN AND ENVIRONMENT

Milton R. See P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, IL 60187
License # 184-000813

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	2
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO.: 62751

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2.	INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES
3.	SUMMARY OF QUANTITIES
4-7.	TYPICAL SECTIONS
8.	MEDIAN DETAILS
9-15.	PLAN AND PAVEMENT MARKING DETAILS
16-18.	LOOP DETECTOR PLANS
19.	ROADWAY DETAILS
20.	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
21.	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
22.	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
23.	BUTT JOINT AND HMA TAPER DETAILS
24.	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
25.	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
26.	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
27.	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
28.	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
29.	TEMPORARY INFORMATION SIGNING
30.	DRIVEWAY ENTRANCE SIGNING
31.	DISTRICT 1 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-02	CLASS C AND D PATCHES
482011-02	BIT. SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
604001-02	FRAME AND LIDS TYPE 1
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-03	PC CONCRETE ISLANDS AND MEDIAN
606306-02	CORRUGATED PC CONCRETE MEDIANS
701101-01	OFF-RD OPERATIONS, MULTILANE LESS THAN 4.5 M (15') AWAY FOR SPEEDS > 45 MPH
701301-02	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701336-04	LANE CLOSURE 2L, 2W WORK AREAS IN SERIES FOR SPEEDS > 45 MPH
701421-01	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701422-01	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701701-04	URBAN LANE CLOSURE MULTILANE INTERSECTION
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-01	HANDHOLES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL *J.U.L.I.E.* AT (800)892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK), 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
- TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD (FOR FUTURE REFERENCES), ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS), WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE RESIDENT ENGINEER SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

11. THE ENGINEER SHALL CONTACT MR. DON CHIARUGI, THE TRAFFIC FIELD ENGINEER, @ 847-741-9857 TWO (2) WEEKS PRIOR TO THE START OF THIS PROJECT SO THAT EXACT STATIONING OF NO PASSING ZONES AND OTHER PERMANENT PAVEMENT MARKINGS MAY BE ESTABLISHED.

12. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM FIELD MAINTENANCE ENGINEERS.

13. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

14. 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.

15. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

16. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL FOR TYPICAL APPLICATION OF RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) SHOWN IN THE PLANS.

17. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND ITS REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING.

18. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

19. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (12.5 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) 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 (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H)

20. 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" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

22. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.

23. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ADJACENT PROJECTS. ATTENTION IS CALLED TO THE RECONSTRUCTION OF THE IL 47 BRIDGE OVER I-88 CONTRACT 62531. WORK IN THIS AREA MAY BE DELAYED UNTIL THE BRIDGE WORK IS COMPLETED, NO EXTRA COMPENSATION WILL BE ALLOWED.

24. LEVELING BINDER QUANTITIES INCLUDED IN THE PLANS ARE ESTIMATED FOR USE IN PREPARING THE EXISTING SHOULDERS FOR THE OVERLAY AND SHALL BE USED AS APPROVED BY THE ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU ROUTE 326 (IL 47)
GALENA BLVD TO SEAVEY RD
INDEX OF SHEETS,
STATE STANDARDS AND
GENERAL NOTES

SCALE: VERT. _____
 HORIZ. _____
 DATE: April 03, 2007
 DRAWN BY: NEC
 CHECKED BY: SFF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	10TRS-2	KANE	31	3
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

CONTRACT NO.: 62751

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN 100% STATE		CONSTRUCTION TYPE CODE
			TOTAL QUANTITY	1000	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	27,670	27,670	
40600300	AGGREGATE (PRIME COAT)	TON	180	180	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	145	145	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	955	955	
40600895	CONSTRUCTING TEST STRIP	EACH	2	2	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,125	2,125	
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	669	669	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	168	168	
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	19,625	19,625	
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	17,350	17,350	
42001300	PROTECTIVE COAT	SQ YD	7,315	7,315	
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	20,405	20,405	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	18,440	18,440	
44000705	BARRIER MEDIAN REMOVAL	SQ FT	2,845	2,845	
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	3,455	3,455	
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	9,270	9,270	
44002209	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/4"	SQ YD	1,335	1,335	
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	5,105	5,105	
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	2,020	2,020	
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	3,510	3,510	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	119,370	119,370	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	75	75	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,375	2,375	
60260100	INLETS TO BE ADJUSTED	EACH	11	11	
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1	1	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	9,270	9,270	
60619910	CONCRETE MEDIAN, TYPE SB-6.18	SQ FT	2,725	2,725	
60624600	CORRUGATED MEDIAN	SQ FT	4,990	4,990	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	

• SPECIALTY ITEM

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN 100% STATE		CONSTRUCTION TYPE CODE
			TOTAL QUANTITY	1000	
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	70	70	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	11,816	11,816	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,248	1,248	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	87,785	87,785	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	6,895	6,895	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	550	550	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,246	1,246	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	626	626	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,900	3,900	
• 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,248	1,248	
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	87,785	87,785	
• 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6,895	6,895	
• 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	550	550	
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,246	1,246	
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	626	626	
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	958	958	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	805	805	
81400115	HANDHOLE TO BE ADJUSTED	EACH	3	3	
• 88600600	DETECTOR LOOP REPLACEMENT	FOOT	1,150	1,150	
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	216.7	216.7	
X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	4,990	4,990	

• SPECIALTY ITEM

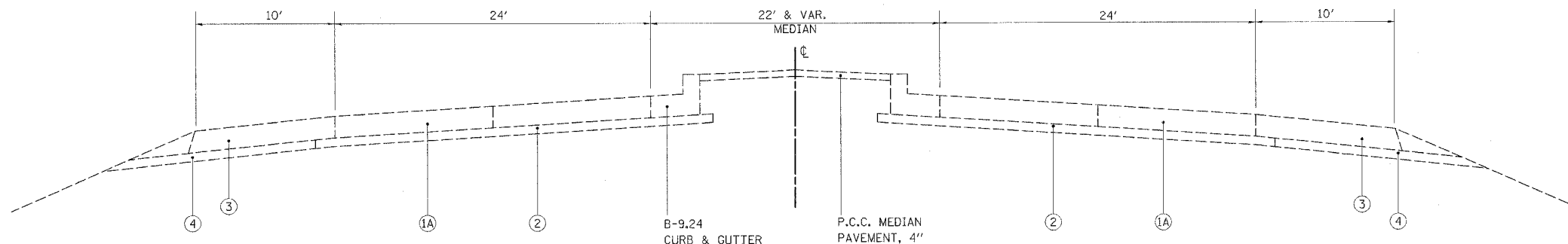
3/23/2007 12:35:06 PM K:\JIB2528\147 - 3P\CADD\Design\8251500.dgn

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAU ROUTE 326 (IL 47) GALENA BLVD TO SEAVEY RD
NAME	DATE	
		SUMMARY OF QUANTITIES

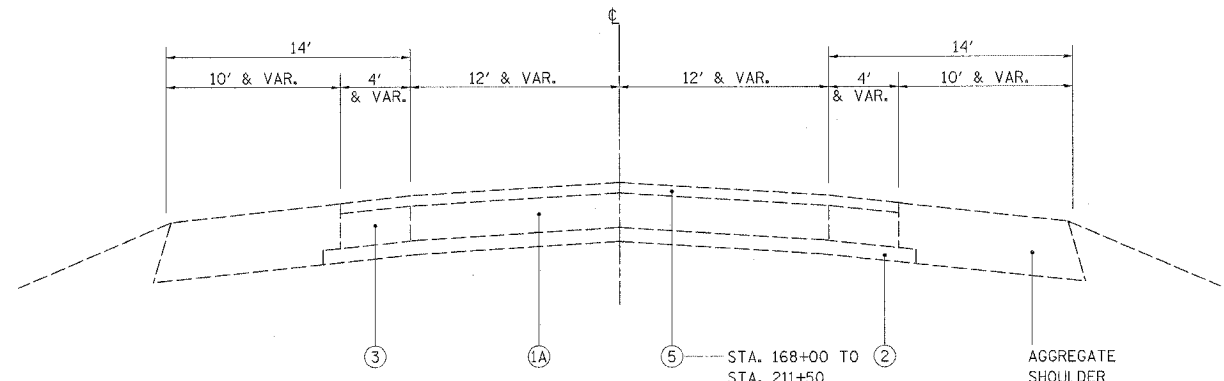
SCALE: VERT. DRAWN BY NEC
HORIZ. CHECKED BY SPF
DATE: March 23, 2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	4
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

CONTRACT NO.: 62751

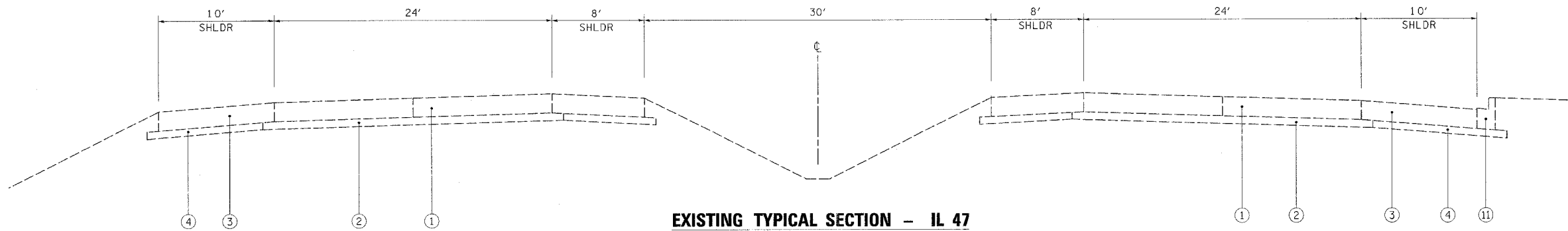


EXISTING TYPICAL SECTION - IL 47
STA. 220+77 TO STA. 238+75

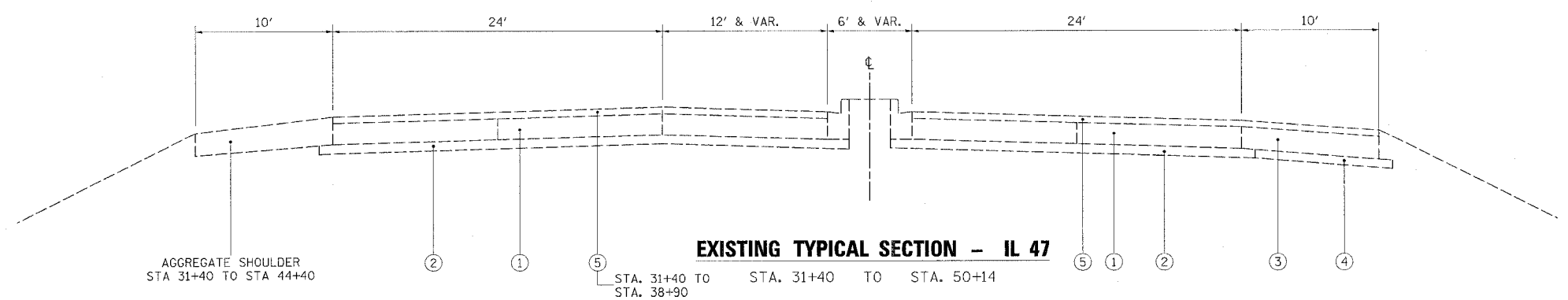


EXISTING TYPICAL SECTION - IL 47
STA. 168+00 TO STA. 220+77
STA. 238+75 TO STA. 245+24

- LEGEND
- ① EXISTING CRC PAVEMENT, 8"
 - ①A EXISTING PCC PAVEMENT, 10"
 - ② EXISTING STABILIZED SUB-BASE (BAM), 4"
 - ③ EXISTING STABILIZED SHOULDER (BAM), 8"
 - ④ EXISTING GRANULAR MATERIAL, 4"
 - ⑤ EXISTING BITUMINOUS SURFACE, 3"
 - ①① EXISTING CURB AND GUTTER (LOCATION VAR.)



EXISTING TYPICAL SECTION - IL 47
STA. 50+14 TO STA. 168+00



EXISTING TYPICAL SECTION - IL 47
AGGREGATE SHOULDER STA 31+40 TO STA 44+40
STA. 31+40 TO STA. 38+90
STA. 31+40 TO STA. 50+14

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU ROUTE 326 (IL 47)
GALENA BLVD TO SEAVEY RD

TYPICAL SECTIONS

VERT. SCALE: HORIZ. DATE: March 23, 2007

DRAWN BY JP
CHECKED BY SPF

3/23/2007 11:55:22 AM c:\p\road\design\102511\typical.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	5
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

CONTRACT NO.: 62751

MIXTURE	MIXTURE REQUIREMENTS AC TYPE	AIR VOIDS (%)
OVERLAY POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR.
OVERLAY POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	SBS/SBR PG 70-22	4% @ 90 GYR.
HMA REPLACEMENT OVER PATCHES BINDER, IL-19 mm	PG 64-22*	4% @ 70 GYR.
CLASS D PATCH BINDER, IL-19 mm	PG 64-22*	4% @ 70 GYR.
SHOULDER PREPARATION LEVELING BINDER (MACHINE METHOD), N70	PG 64-22*	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

LEGEND

- ① EXISTING CRC PAVEMENT, 8"
- ①A EXISTING PCC PAVEMENT, 10"
- ② EXISTING STABILIZED SUB-BASE (BAM), 4"
- ③ EXISTING STABILIZED SHOULDER (BAM), 8"
- ④ EXISTING GRANULAR MATERIAL, 4"
- ⑤ EXISTING BITUMINOUS SURFACE, 3"
- ⑥ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 2 1/4"
- ⑧ PROPOSED B-6.12 CURB AND GUTTER
- ⑨ PROPOSED CONCRETE MEDIAN 4"
- ⑩ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑪ EXISTING CURB AND GUTTER
- ⑫ STRIP REFLECTIVE CRACK CONTROL TREATMENT

* SEE MEDIAN DETAIL

** LEVELING BINDER QUANTITIES INCLUDED IN THE PLANS ARE ESTIMATED FOR USE IN PREPARING THE EXISTING SHOULDERS FOR THE OVERLAY AND SHALL BE USED AS APPROVED BY THE ENGINEER. THE MINIMUM COMPACTED THICKNESS SHALL BE 3/4" AND THE MAXIMUM COMPACTED THICKNESS SHALL BE 2 1/4".

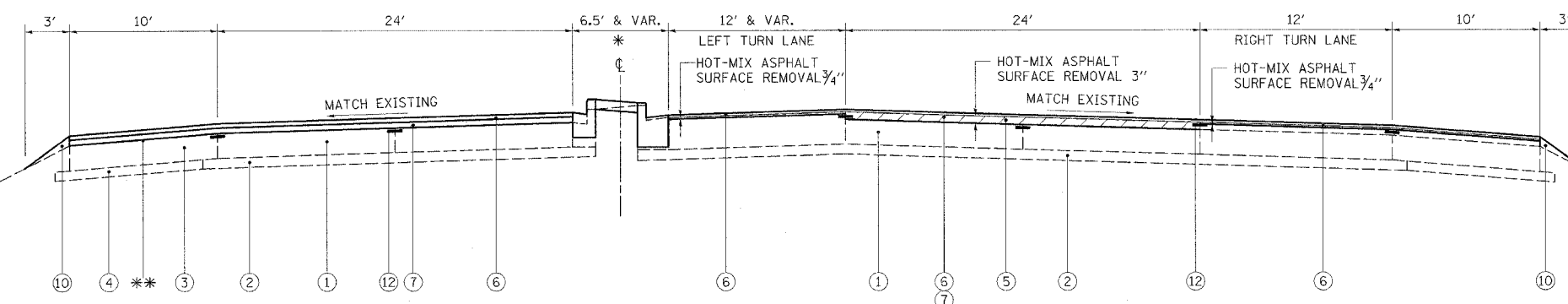
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU ROUTE 326 (IL 47)
GALENA BLVD TO SEAVEY RD

TYPICAL SECTIONS

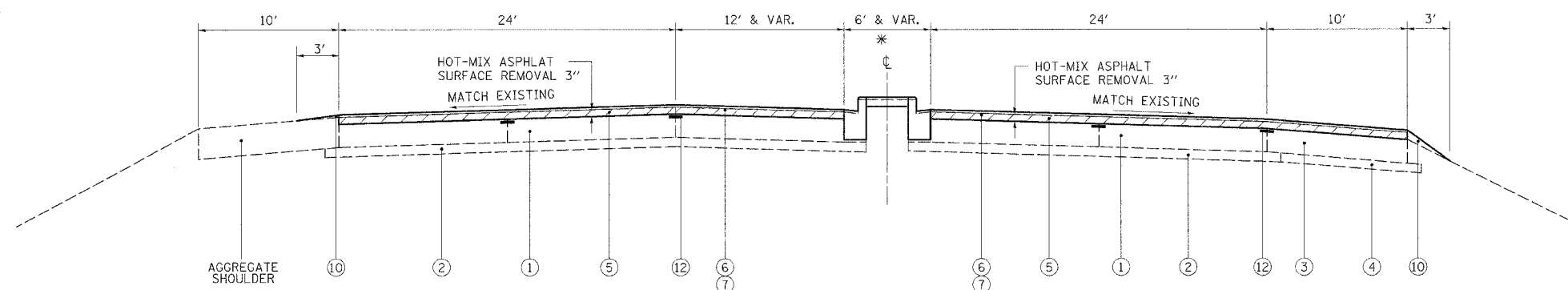
SCALE: VERT.
HORIZ.
DATE: Apr 11 03, 2007

DRAWN BY NEC
CHECKED BY SPF



PROPOSED TYPICAL SECTION - IL 47

STA. 38+90 TO STA. 50+14



PROPOSED TYPICAL SECTION - IL 47

STA. 31+40 TO STA. 38+90

4/4/2007 2:46:55 PM k:\road\design\107RS-2\107RS-2\typical.dgn

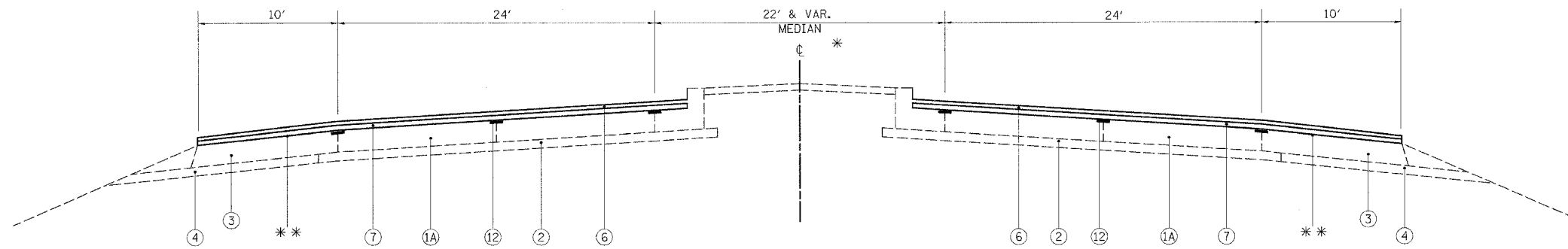
4/4/2007 2:46:55 PM k:\102528\1147 - 3p\cadd\design\102528\typical.dgn

4/4/2007 2:46:56 PM k:\102528\1147 - 3p\cadd\design\102528\typical.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	6
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

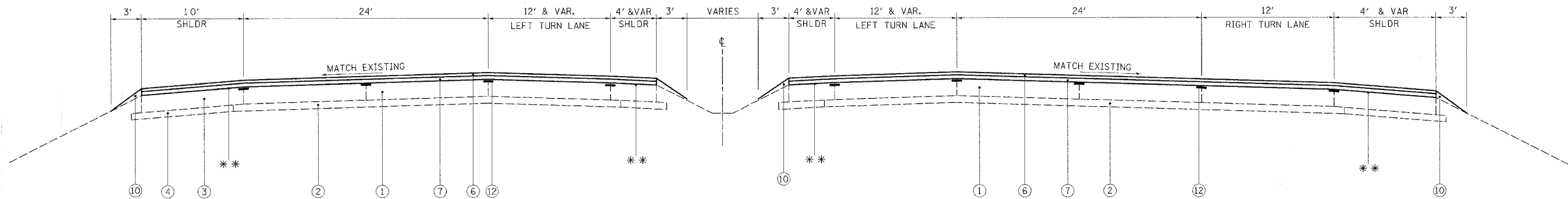
CONTRACT NO.: 62751

- LEGEND**
- ① EXISTING CRC PAVEMENT, 8"
 - ①A EXISTING PCC PAVEMENT, 10"
 - ② EXISTING STABILIZED SUB-BASE (BAM), 4"
 - ③ EXISTING STABILIZED SHOULDER (BAM), 8"
 - ④ EXISTING GRANULAR MATERIAL, 4"
 - ⑤ EXISTING BITUMINOUS SURFACE, 3"
 - ⑥ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
 - ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 2 1/4"
 - ⑧ PROPOSED B-6.12 CURB AND GUTTER
 - ⑨ PROPOSED CONCRETE MEDIAN 4"
 - ⑩ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑪ EXISTING CURB AND GUTTER
 - ⑫ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - * SEE MEDIAN DETAIL
 - ** LEVELING BINDER QUANTITIES INCLUDED IN THE PLANS ARE ESTIMATED FOR USE IN PREPARING THE EXISTING SHOULDERS FOR THE OVERLAY AND SHALL BE USED AS APPROVED BY THE ENGINEER. THE MINIMUM COMPACTED THICKNESS SHALL BE 3/4" AND THE MAXIMUM COMPACTED THICKNESS SHALL BE 2 1/4".



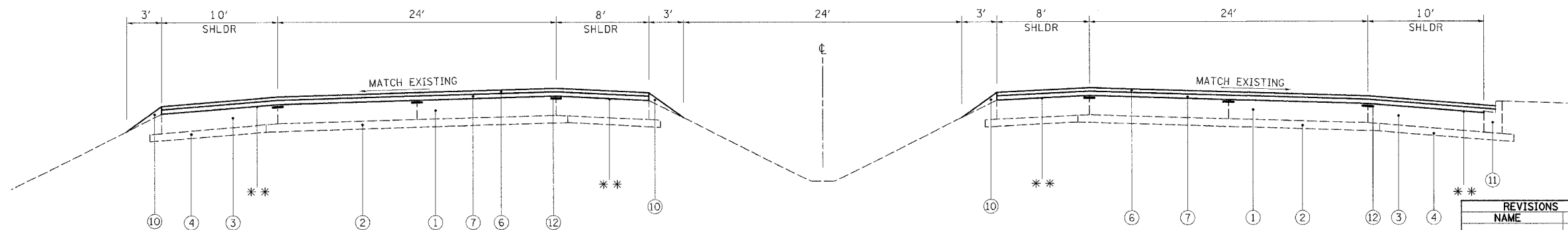
PROPOSED TYPICAL SECTION - IL 47

STA. 220+77 TO STA. 226+86
 BRIDGE OMMISION STA. 226+85 TO STA. 229+83
 STA. 229+83 TO STA. 238+75



PROPOSED TYPICAL SECTION - IL 47

STA. 45+38 TO STA. 168+00
 SECTION WITH TURN LANES



PROPOSED TYPICAL SECTION - IL 47

STA. 45+38 TO STA. 168+00
 NORMAL SECTION

REVISIONS	
NAME	DATE

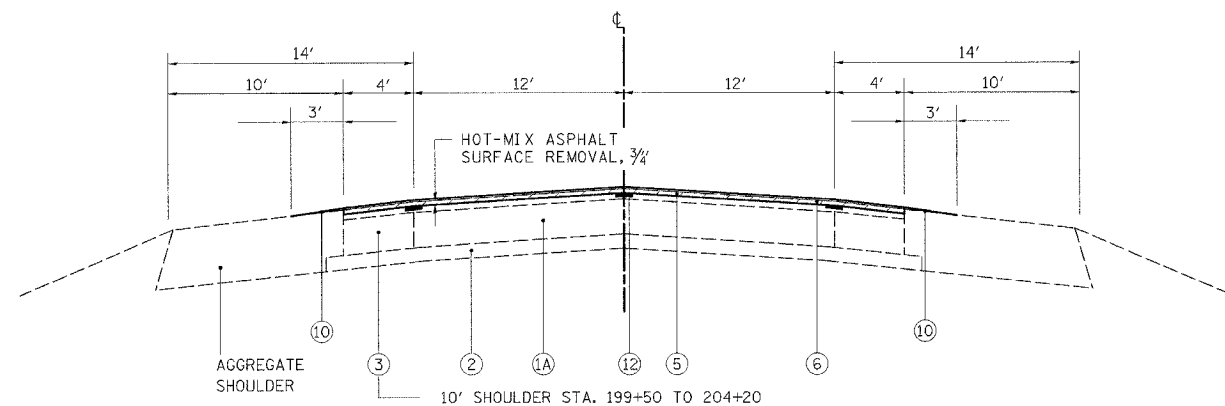
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU ROUTE 326 (IL 47)
 GALENA BLVD TO SEAVEY RD

TYPICAL SECTIONS

SCALE: VERT. _____
 HORIZ. _____
 DATE: Apr 11 03, 2007
 DRAWN BY NEC
 CHECKED BY SPF

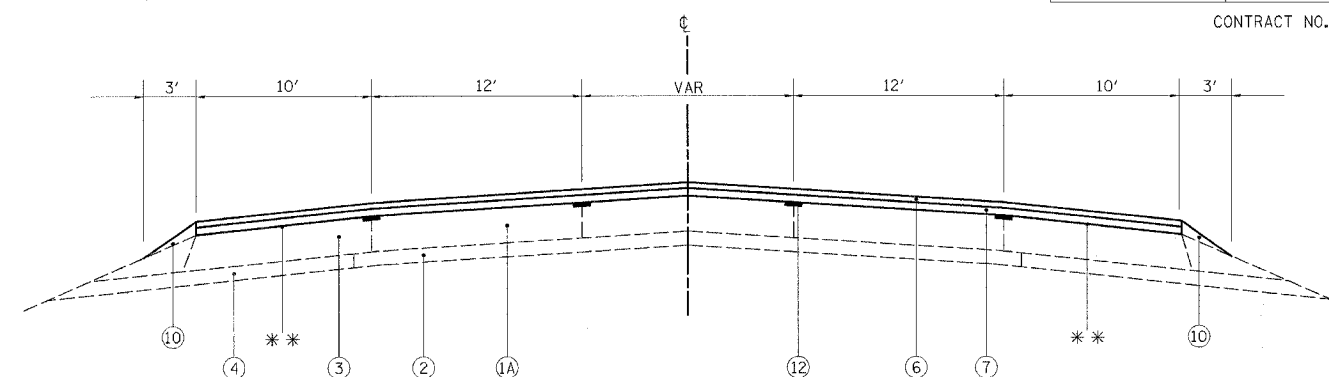
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	7
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

CONTRACT NO.: 62751



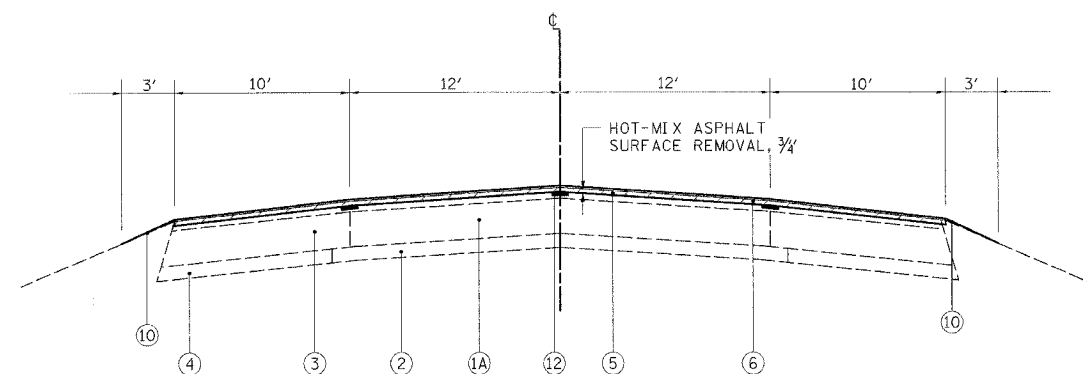
PROPOSED TYPICAL SECTION - IL 47

STA. 177+06 TO STA. 211+50



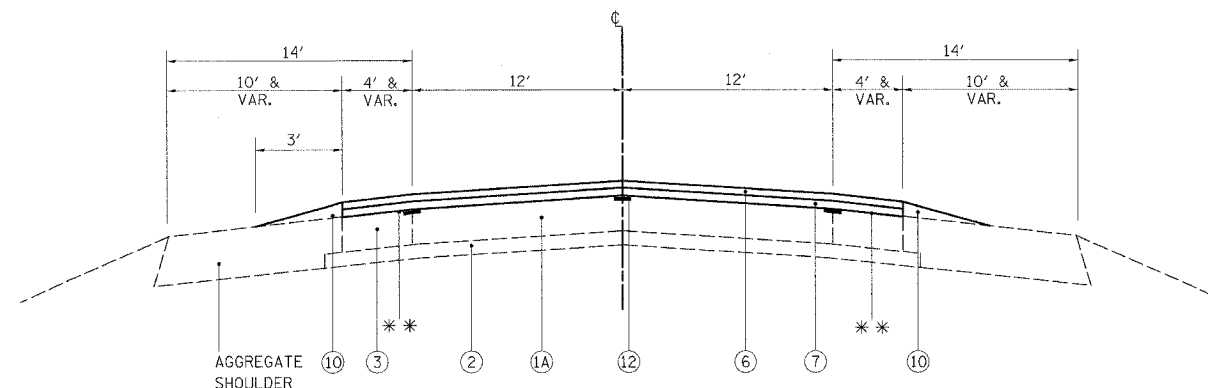
PROPOSED TYPICAL SECTION - IL 47

STA. 215+23 TO STA. 220+77
STA. 238+75 TO STA. 242+50



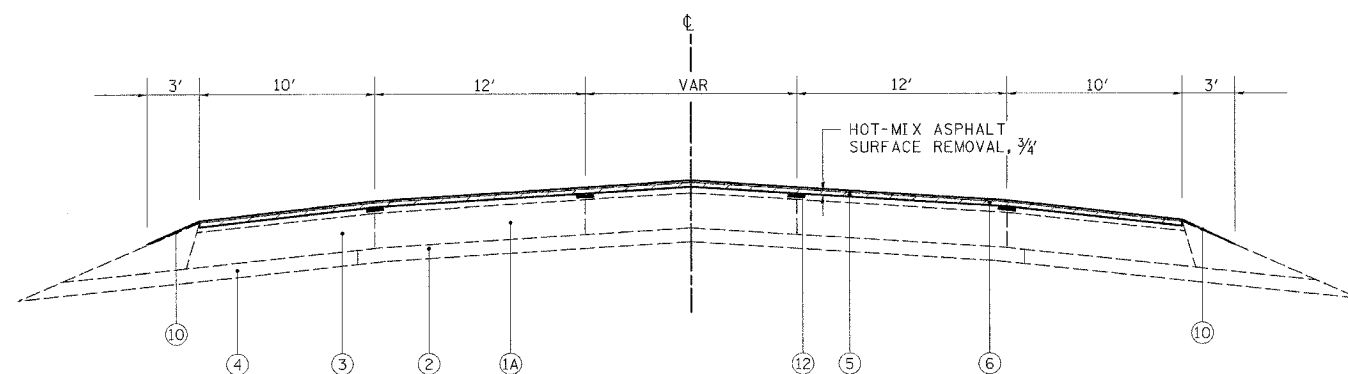
PROPOSED TYPICAL SECTION - IL 47

STA. 172+53 TO STA. 173+08
BRIDGE OMMISION STA. 173+08 TO STA. 175+18
STA. 175+18 TO STA. 177+06



PROPOSED TYPICAL SECTION - IL 47

STA. 211+50 TO STA. 215+23
STA. 242+50 TO STA. 245+24



PROPOSED TYPICAL SECTION - IL 47

STA. 168+00 TO STA. 172+53

LEGEND

- ① EXISTING CRC PAVEMENT, 8"
- ①A EXISTING PCC PAVEMENT, 10"
- ② EXISTING STABILIZED SUB-BASE (BAM), 4"
- ③ EXISTING STABILIZED SHOULDER (BAM), 8"
- ④ EXISTING GRANULAR MATERIAL, 4"
- ⑤ EXISTING BITUMINOUS SURFACE, 3"
- ⑥ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 2 1/4"
- ⑧ PROPOSED B-6.12 CURB AND GUTTER
- ⑨ PROPOSED CONCRETE MEDIAN 4"
- ⑩ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑪ EXISTING CURB AND GUTTER
- ⑫ STRIP REFLECTIVE CRACK CONTROL TREATMENT

* SEE MEDIAN DETAIL

** LEVELING BINDER QUANTITIES INCLUDED IN THE PLANS ARE ESTIMATED FOR USE IN PREPARING THE EXISTING SHOULDERS FOR THE OVERLAY AND SHALL BE USED AS APPROVED BY THE ENGINEER. THE MINIMUM COMPACTED THICKNESS SHALL BE 3/4" AND THE MAXIMUM COMPACTED THICKNESS SHALL BE 2 1/4".

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU ROUTE 326 (IL 47)
GALENA BLVD TO SEAVEY RD

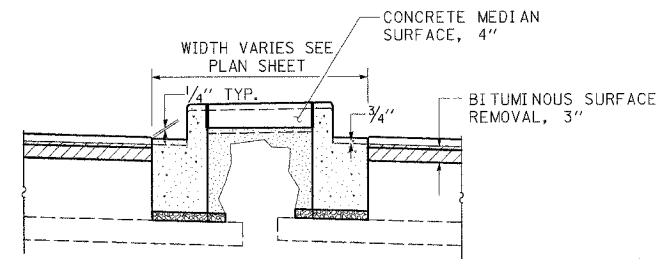
TYPICAL SECTIONS

SCALE: VERT.
HORIZ.
DATE: April 03, 2007

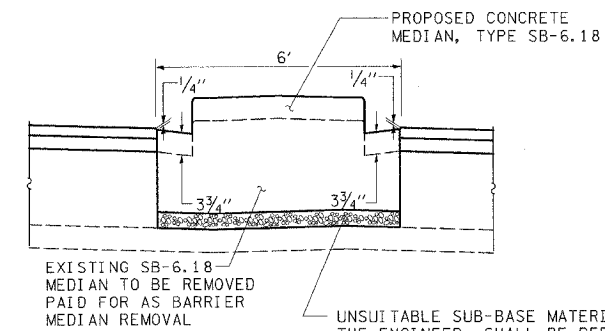
DRAWN BY NEC
CHECKED BY SPF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	8
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

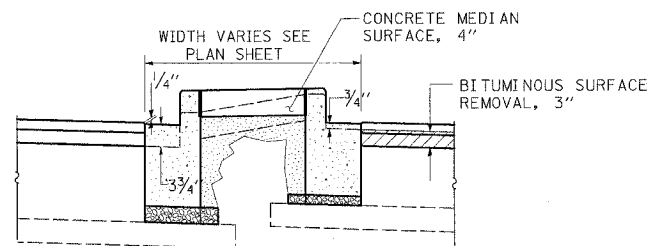
CONTRACT NO.: 62751



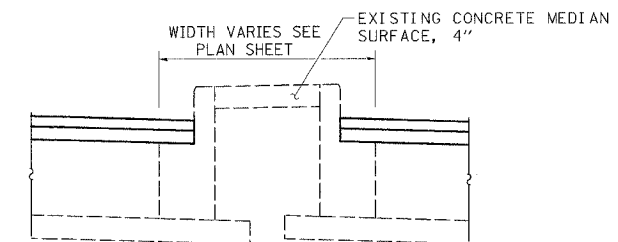
TYPICAL MEDIAN DETAIL
STA. 33+94 TO STA. 38+90



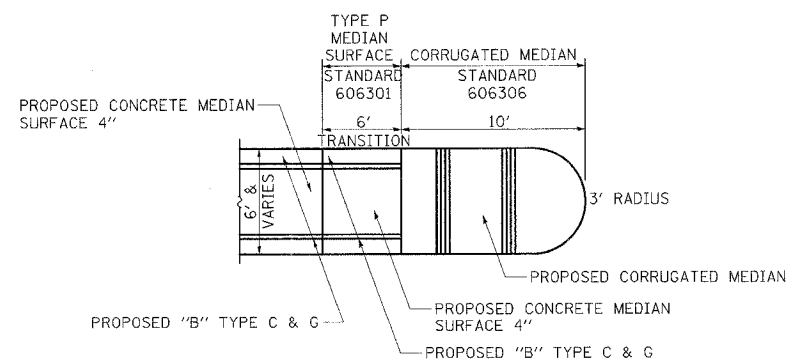
TYPICAL MEDIAN DETAIL
@ WAUBONSEE DRIVE
STA. 111+33 TO STA. 113+68
STA. 115+10 TO STA. 117+51



TYPICAL MEDIAN DETAIL
STA. 38+90 TO STA. 44+74
STA. 45+87 TO STA. 50+14



TYPICAL MEDIAN DETAIL
STA. 223+02 TO STA. 226+86
STA. 229+83 TO STA. 236+59



CORRUGATED MEDIAN NOSE DETAIL

NOTES:
SEE "CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT" DETAIL FOR ADDITIONAL INFORMATION
PITCH GUTTER FLAG SAME AS ADJACENT PAVEMENT.

NEW CURB AND GUTTER SHALL MATCH EXISTING IN ACCORDANCE WITH STATE STANDARD 606001.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU ROUTE 326 (IL 47)
GALENA BLVD TO SEAVEY RD

MEDIAN DETAILS

SCALE: VERT.
HORIZ.
DATE: March 23, 2007

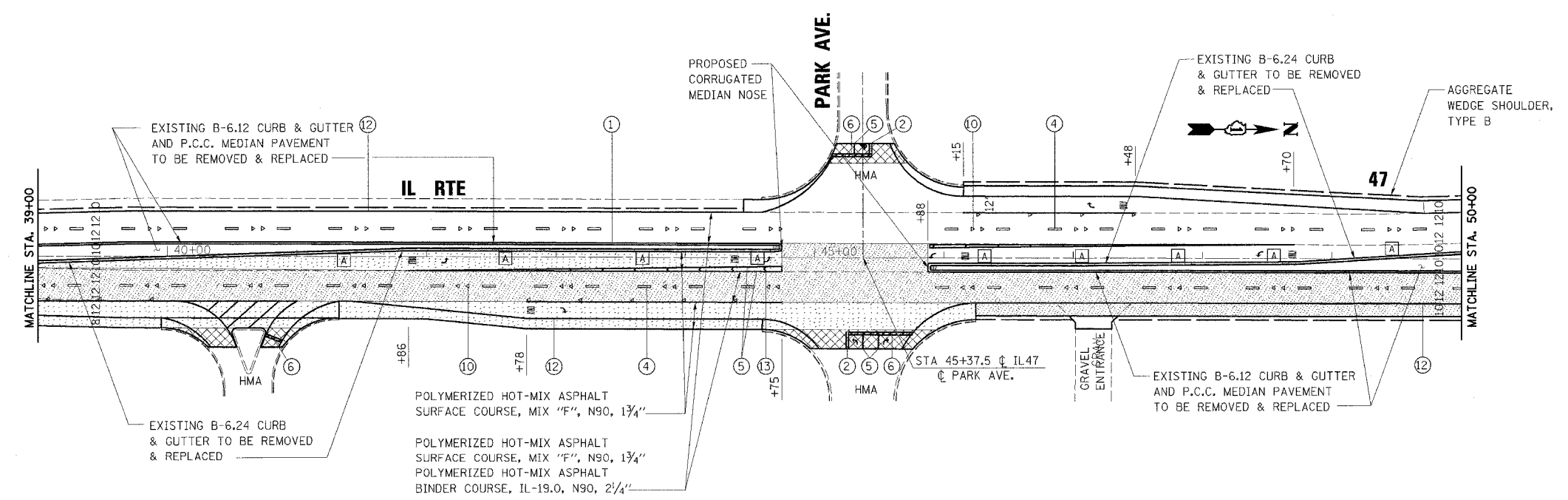
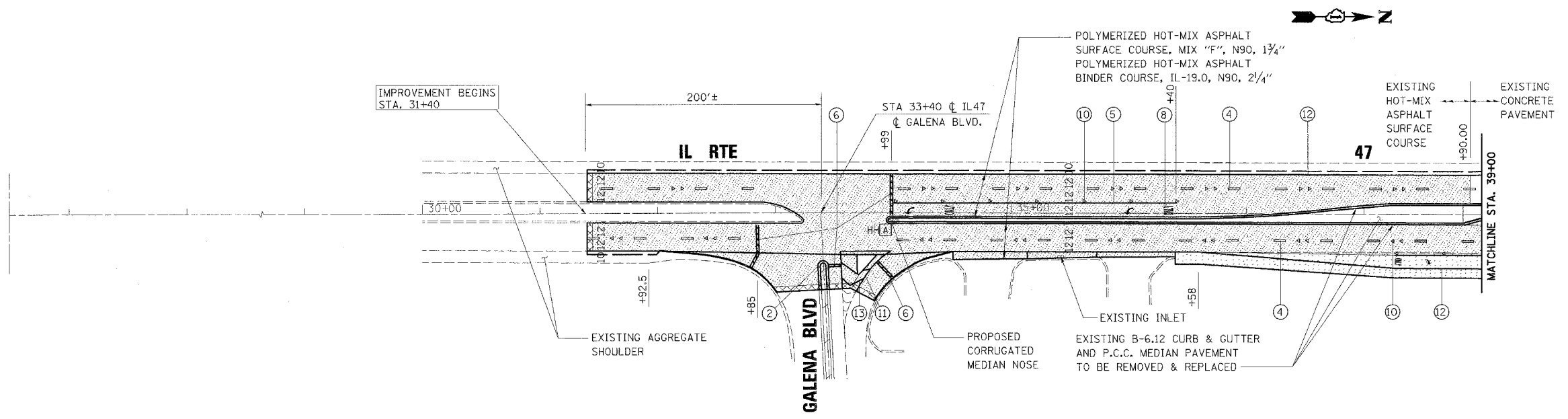
DRAWN BY NEC
CHECKED BY SPF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	9
STA. 31+40		TO STA. 50+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

CONTRACT NO.: 62751

THERMOPLASTIC PAVEMENT MARKING LEGEND

- ① 4" SINGLE SOLID YELLOW LINE
- ② 4" DOUBLE SOLID YELLOW LINE (11" C-C)
- ③ 6" DOTTED LINE (2' LINE, 6' SPACE)
- ④ 4" WHITE LANE LINE (10' LINE, 30' SPACE)
- ⑤ 6" SOLID WHITE LINE
- ⑥ 24" SOLID WHITE STOP BAR
- ⑦ 12" SOLID YELLOW LINES (DIAGONALS @ 20' C-C)
- ⑧ LETTERS AND SYMBOLS
- ⑨ 4" YELLOW CENTERLINE (10' LINE, 30' SPACE)
- ⑩ RAISED REFLECTIVE PAVEMENT MARKERS
 - ▷ ONE-WAY CRYSTAL
 - ▶ ONE-WAY AMBER
 - ◆ TWO-WAY AMBER
- ⑪ 8" SOLID WHITE LINE
- ⑫ 4" SINGLE SOLID WHITE LINE
- ⑬ 12" SOLID WHITE LINES (DIAGONALS @ 20' C-C)



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT OR CONCRETE SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- INLET TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU ROUTE 326 (IL 47)
 GALENA BLVD TO SEAVEY RD
ROADWAY AND PAVEMENT MARKING PLAN
 STA 31+40 TO STA 50+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 50'
 DATE: March 23, 2007

DRAWN BY NEC
 CHECKED BY SPF

3/23/2007 10:50:42 AM K:\VIB2528\1147 - 3p\cadd\design\B25IP_01.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	10
STA. 50+00		TO STA. 76+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

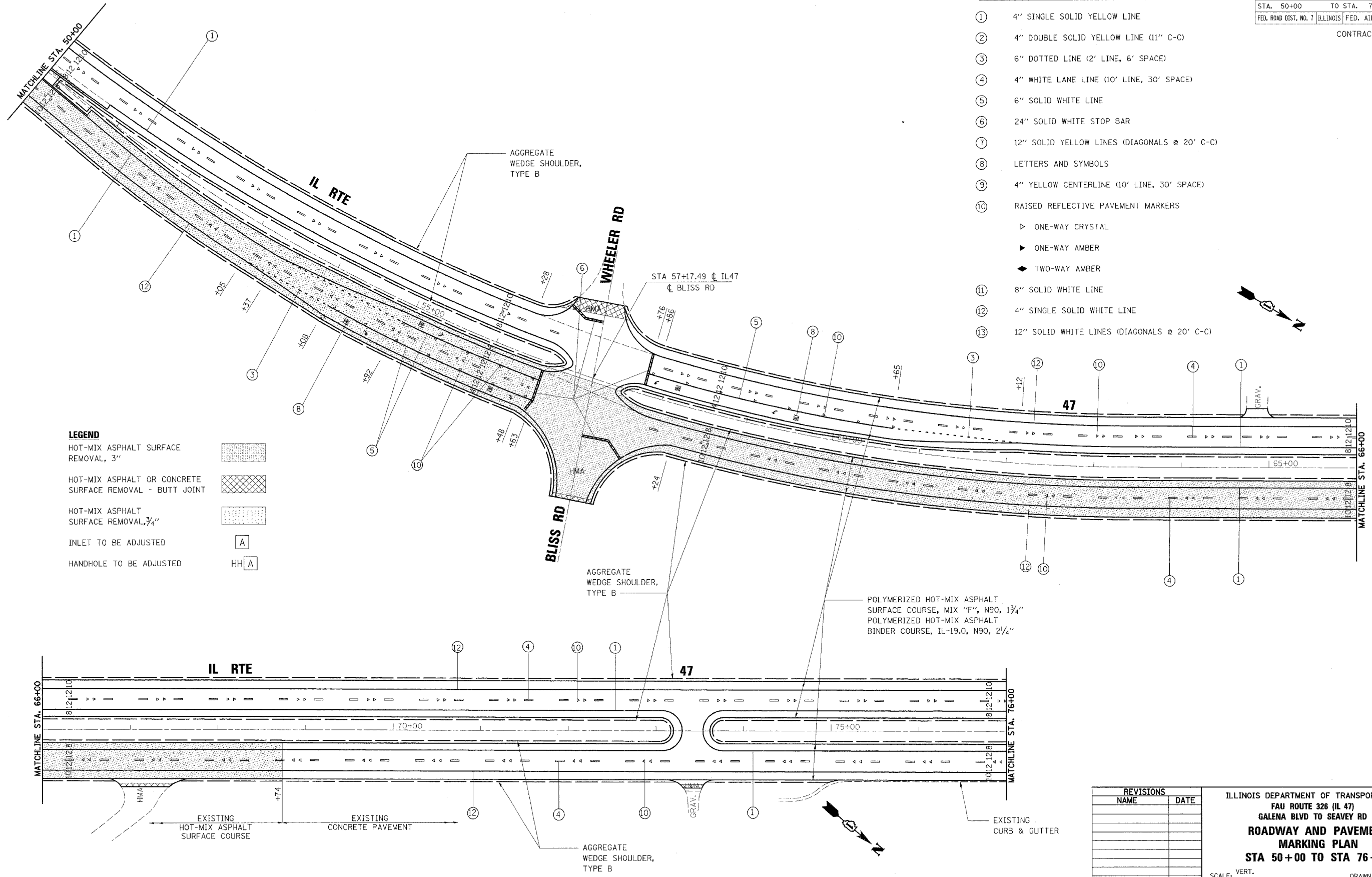
CONTRACT NO.: 62751

THERMOPLASTIC PAVEMENT MARKING LEGEND

- ① 4" SINGLE SOLID YELLOW LINE
- ② 4" DOUBLE SOLID YELLOW LINE (11" C-C)
- ③ 6" DOTTED LINE (2' LINE, 6' SPACE)
- ④ 4" WHITE LANE LINE (10' LINE, 30' SPACE)
- ⑤ 6" SOLID WHITE LINE
- ⑥ 24" SOLID WHITE STOP BAR
- ⑦ 12" SOLID YELLOW LINES (DIAGONALS @ 20' C-C)
- ⑧ LETTERS AND SYMBOLS
- ⑨ 4" YELLOW CENTERLINE (10' LINE, 30' SPACE)
- ⑩ RAISED REFLECTIVE PAVEMENT MARKERS
 - ▷ ONE-WAY CRYSTAL
 - ▶ ONE-WAY AMBER
 - ◆ TWO-WAY AMBER
- ⑪ 8" SOLID WHITE LINE
- ⑫ 4" SINGLE SOLID WHITE LINE
- ⑬ 12" SOLID WHITE LINES (DIAGONALS @ 20' C-C)

- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
 - HOT-MIX ASPHALT OR CONCRETE SURFACE REMOVAL - BUTT JOINT
 - HOT-MIX ASPHALT SURFACE REMOVAL, 1/4"
 - INLET TO BE ADJUSTED
 - HANDHOLE TO BE ADJUSTED

3/23/2007 11:51:34 AM k:\1182528\1147 - 3d\cadd\des\ipn\B25IP_02.dgn



REVISIONS	
NAME	DATE

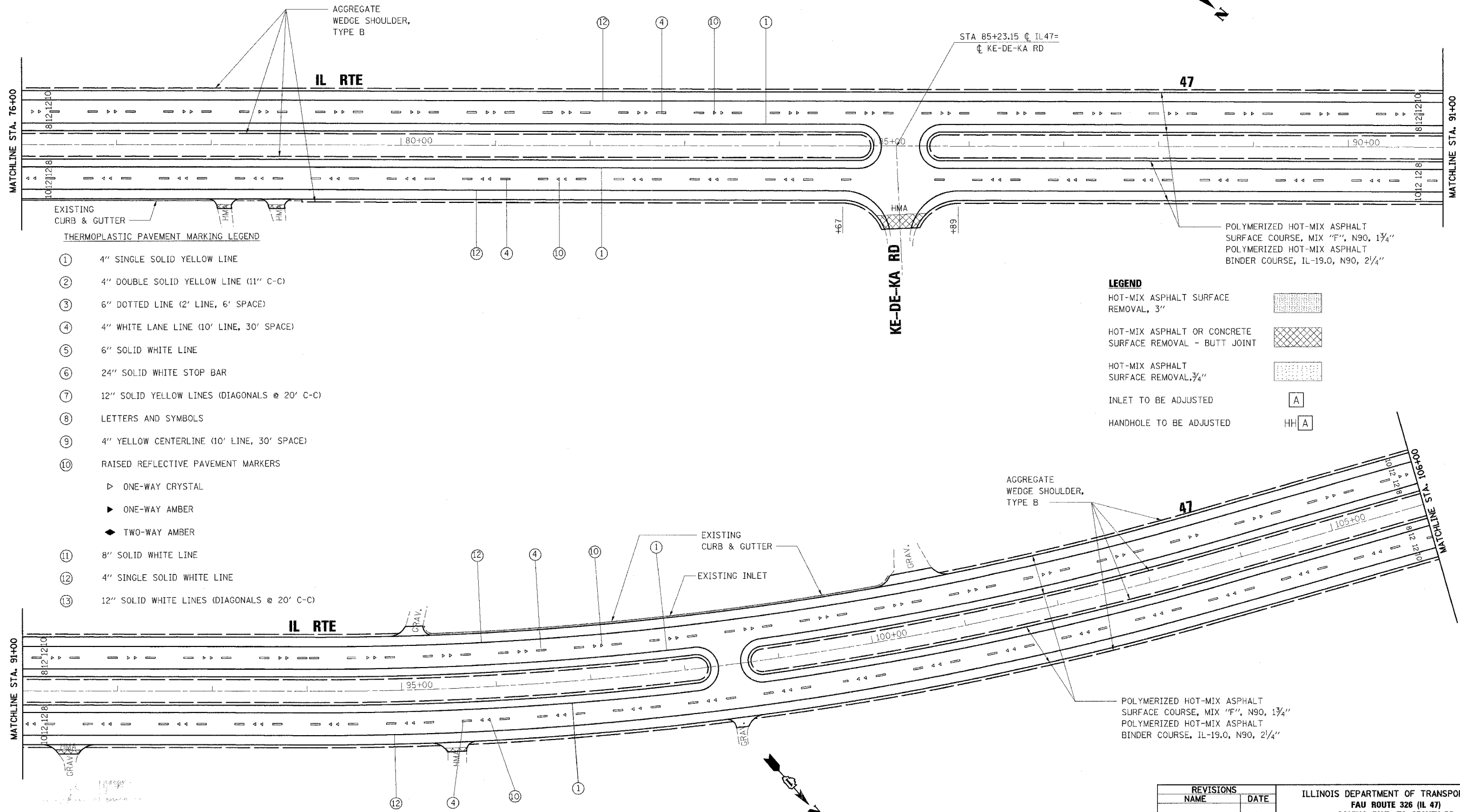
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU ROUTE 326 (IL 47)
 GALENA BLVD TO SEAVEY RD
ROADWAY AND PAVEMENT MARKING PLAN
STA 50+00 TO STA 76+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 50'
 DATE: March 23, 2007

DRAWN BY NEC
 CHECKED BY SPF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	10TRS-2	KANE	31	11
STA. 76+00		TO STA. 106+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

CONTRACT NO.: 62751



THERMOPLASTIC PAVEMENT MARKING LEGEND

- ① 4" SINGLE SOLID YELLOW LINE
- ② 4" DOUBLE SOLID YELLOW LINE (11" C-C)
- ③ 6" DOTTED LINE (2' LINE, 6' SPACE)
- ④ 4" WHITE LANE LINE (10' LINE, 30' SPACE)
- ⑤ 6" SOLID WHITE LINE
- ⑥ 24" SOLID WHITE STOP BAR
- ⑦ 12" SOLID YELLOW LINES (DIAGONALS @ 20' C-C)
- ⑧ LETTERS AND SYMBOLS
- ⑨ 4" YELLOW CENTERLINE (10' LINE, 30' SPACE)
- ⑩ RAISED REFLECTIVE PAVEMENT MARKERS
 - ▷ ONE-WAY CRYSTAL
 - ▶ ONE-WAY AMBER
 - ◆ TWO-WAY AMBER
- ⑪ 8" SOLID WHITE LINE
- ⑫ 4" SINGLE SOLID WHITE LINE
- ⑬ 12" SOLID WHITE LINES (DIAGONALS @ 20' C-C)

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT OR CONCRETE SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- INLET TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU ROUTE 326 (IL 47)
 GALENA BLVD TO SEAVEY RD
ROADWAY AND PAVEMENT MARKING PLAN
 STA 76+00 TO STA 106+00

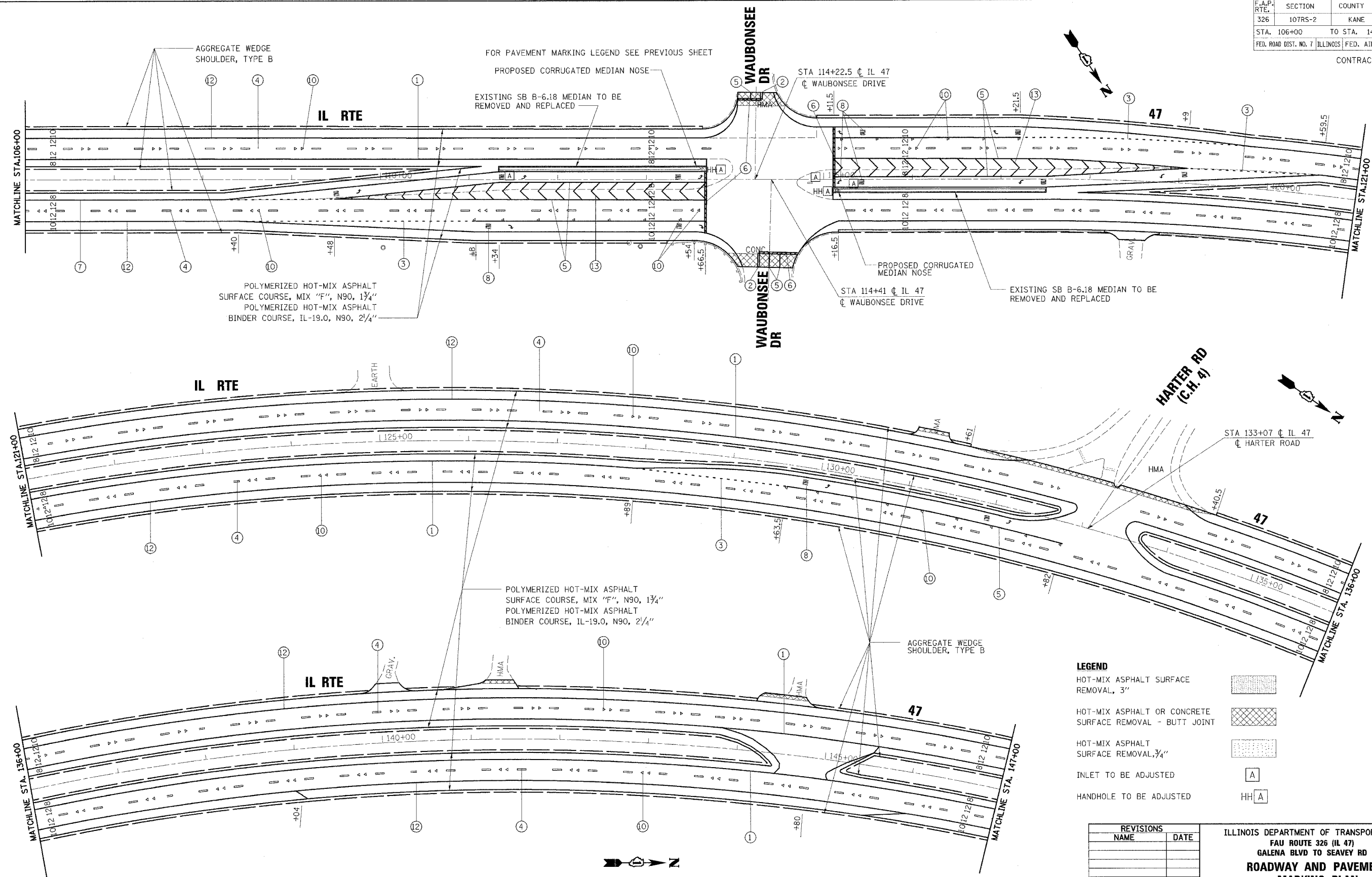
SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE: March 23, 2007

DRAWN BY NEC
 CHECKED BY SPF

3/23/2007 11:52:03 AM K:\1182528\1147 - 3p.coadd\ees\pgr\1182528\1147.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	12
STA. 106+00		TO STA. 147+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

CONTRACT NO.: 62751



LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL, 3"	
HOT-MIX ASPHALT OR CONCRETE SURFACE REMOVAL - BUTT JOINT	
HOT-MIX ASPHALT SURFACE REMOVAL, 1/4"	
INLET TO BE ADJUSTED	
HANDHOLE TO BE ADJUSTED	

REVISIONS	NAME	DATE

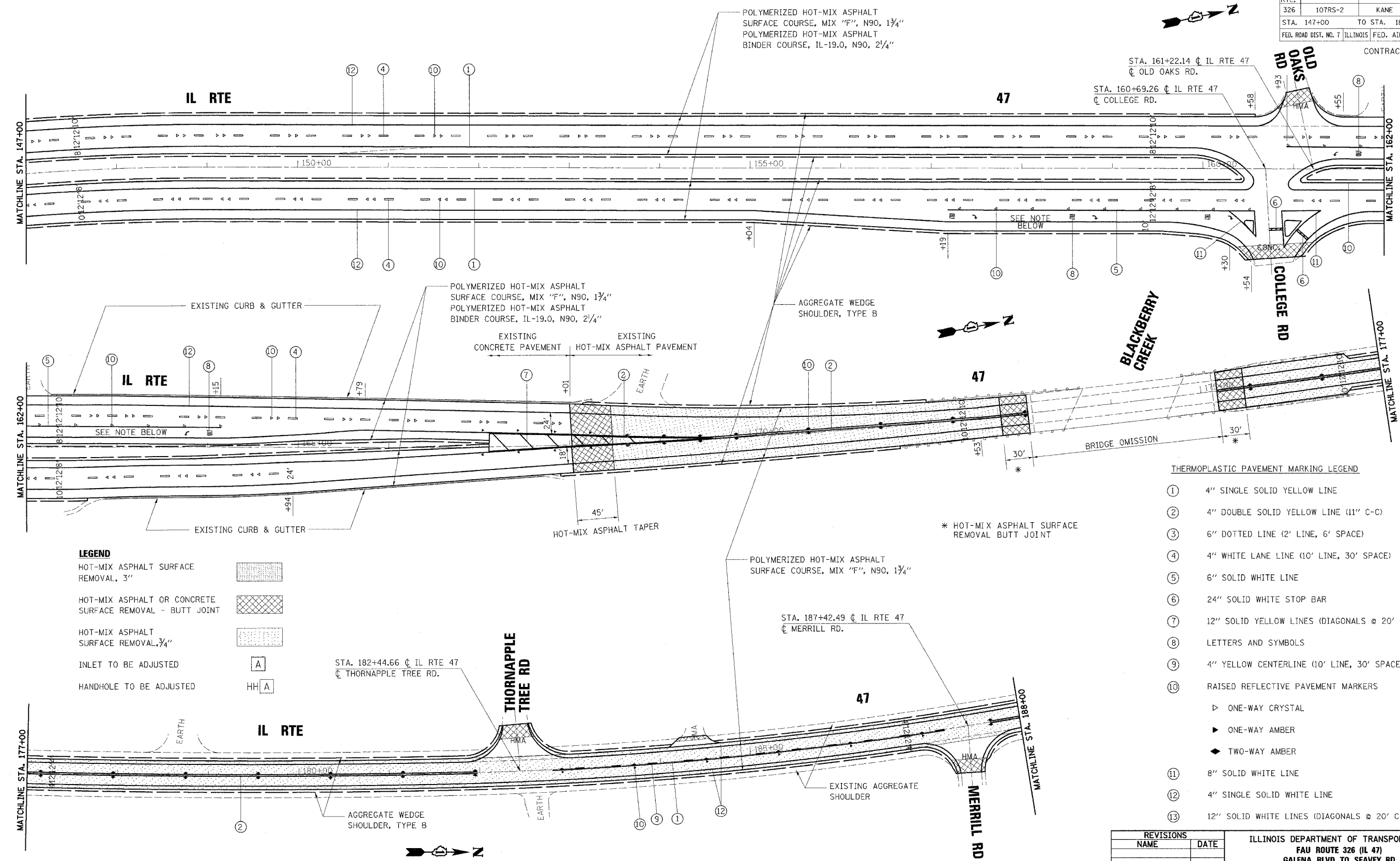
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU ROUTE 326 (IL 47)
 GALENA BLVD TO SEAVER RD
ROADWAY AND PAVEMENT MARKING PLAN
 STA 106+00 TO STA 147+00

SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE: March 23, 2007

DRAWN BY NEC
 CHECKED BY SPF

3/23/2007 10:52:05 AM k:\1182528\1147 - 3p\cadd\cadd\ipn\1182528\1147.dgn

F.A.P. RTE. 326	SECTION 107RS-2	COUNTY KANE	TOTAL SHEETS 31	SHEET NO. 13
STA. 147+00		TO STA. 188+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO.: 62751				



LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL, 3"	
HOT-MIX ASPHALT OR CONCRETE SURFACE REMOVAL - BUTT JOINT	
HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	
INLET TO BE ADJUSTED	
HANDHOLE TO BE ADJUSTED	

THERMOPLASTIC PAVEMENT MARKING LEGEND

①	4" SINGLE SOLID YELLOW LINE
②	4" DOUBLE SOLID YELLOW LINE (11" C-C)
③	6" DOTTED LINE (2' LINE, 6' SPACE)
④	4" WHITE LANE LINE (10' LINE, 30' SPACE)
⑤	6" SOLID WHITE LINE
⑥	24" SOLID WHITE STOP BAR
⑦	12" SOLID YELLOW LINES (DIAGONALS @ 20' C-C)
⑧	LETTERS AND SYMBOLS
⑨	4" YELLOW CENTERLINE (10' LINE, 30' SPACE)
⑩	RAISED REFLECTIVE PAVEMENT MARKERS
▷	ONE-WAY CRYSTAL
▶	ONE-WAY AMBER
◆	TWO-WAY AMBER
⑪	8" SOLID WHITE LINE
⑫	4" SINGLE SOLID WHITE LINE
⑬	12" SOLID WHITE LINES (DIAGONALS @ 20' C-C)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU ROUTE 326 (IL 47)
GALENA BLVD TO SEAVEY RD
ROADWAY AND PAVEMENT MARKING PLAN
STA 147+00 TO STA 188+00

SCALE: VERT. 1" = 5'
HORIZ. 1" = 50'
DATE: March 23, 2007

DRAWN BY NEC
CHECKED BY SPF

NOTE:
RIGHT TURN LANE AND LEFT TURN LANE INTO COLLEGE ROAD ARE AN ESTIMATED TWO INCHES HIGHER THAN THE ADJACENT MAIN PAVEMENT. ON THE TURN LANES AND ADJACENT SHOULDER AREA THE CONTRACTOR SHALL OMIT THE BINDER LIFT AND OVERLAY WITH SURFACE COURSE MATERIAL AS DIRECTED BY THE ENGINEER. FINAL GRADES SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE.

3/23/2007 11:52:09 AM k:\1182528\1147 - 35\cadd\design\11825IP_05.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	14
STA. 188+00		TO STA. 229+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

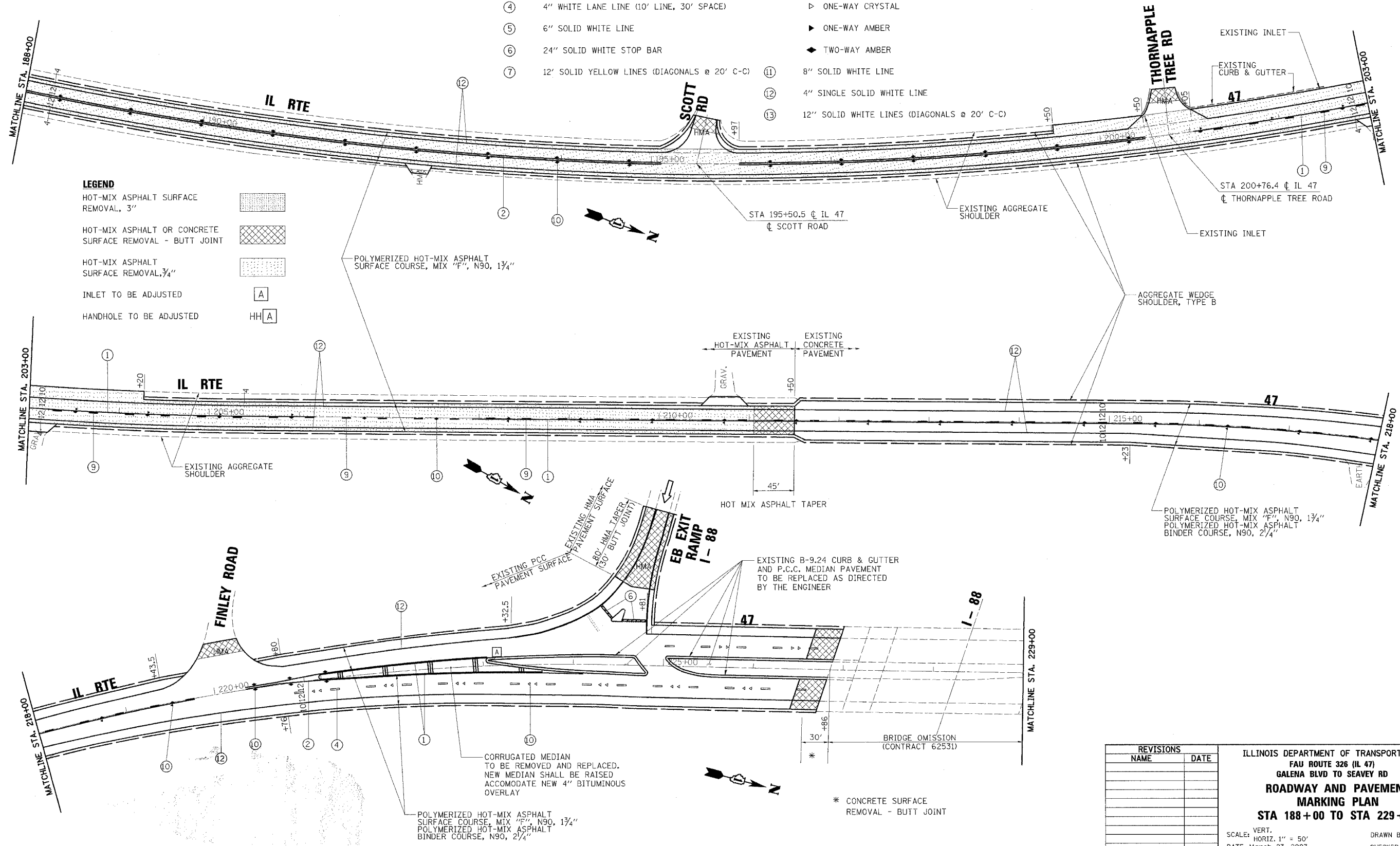
CONTRACT NO.: 62751

TERMOPLASTIC PAVEMENT MARKING LEGEND

- | | |
|--|---|
| ① 4" SINGLE SOLID YELLOW LINE | ⑧ LETTERS AND SYMBOLS |
| ② 4" DOUBLE SOLID YELLOW LINE (11" C-C) | ⑨ 4" YELLOW CENTERLINE (10' LINE, 30' SPACE) |
| ③ 6" DOTTED LINE (2' LINE, 6' SPACE) | ⑩ RAISED REFLECTIVE PAVEMENT MARKERS |
| ④ 4" WHITE LANE LINE (10' LINE, 30' SPACE) | ▷ ONE-WAY CRYSTAL |
| ⑤ 6" SOLID WHITE LINE | ▶ ONE-WAY AMBER |
| ⑥ 24" SOLID WHITE STOP BAR | ◆ TWO-WAY AMBER |
| ⑦ 12' SOLID YELLOW LINES (DIAGONALS @ 20' C-C) | ⑪ 8" SOLID WHITE LINE |
| | ⑫ 4" SINGLE SOLID WHITE LINE |
| | ⑬ 12" SOLID WHITE LINES (DIAGONALS @ 20' C-C) |

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT OR CONCRETE SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- INLET TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED



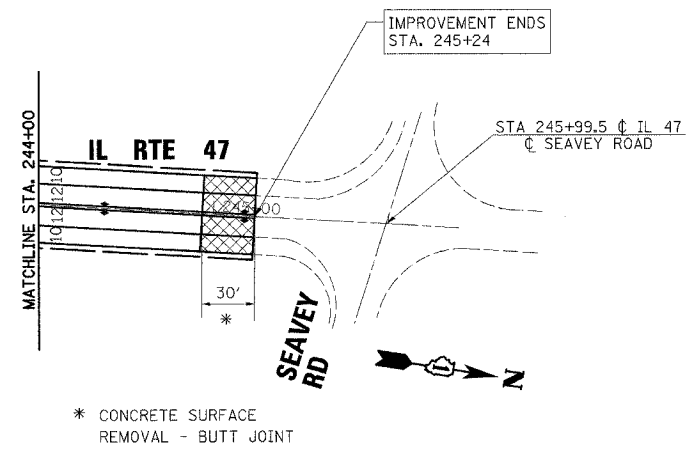
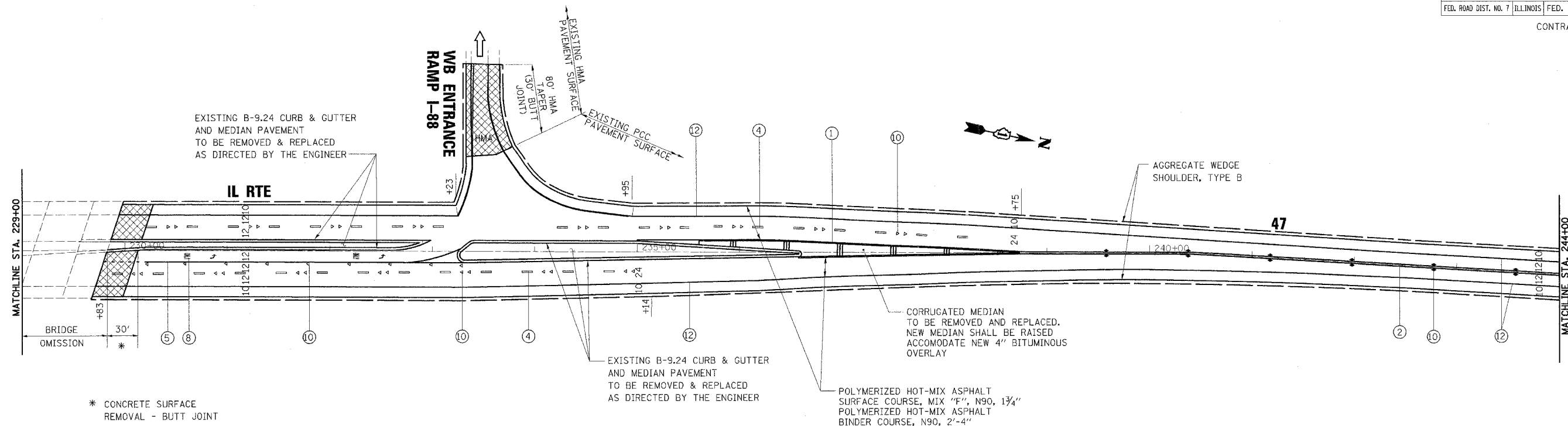
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU ROUTE 326 (IL 47)
 GALENA BLVD TO SEAVEY RD
ROADWAY AND PAVEMENT MARKING PLAN
STA 188+00 TO STA 229+00
 SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE: March 23, 2007
 DRAWN BY NEC
 CHECKED BY SPF

3/23/2007 11:52:43 AM K:\1182528\1147 - 3p\cadd\des\gn\8251P_06.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	10TRS-2	KANE	31	15
STA. 229+00		TO STA. 245+24		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

CONTRACT NO.: 62751



THERMOPLASTIC PAVEMENT MARKING LEGEND

- ① 4" SINGLE SOLID YELLOW LINE
- ② 4" DOUBLE SOLID YELLOW LINE (11" C-C)
- ③ 6" DOTTED LINE (2' LINE, 6' SPACE)
- ④ 4" WHITE LANE LINE (10' LINE, 30' SPACE)
- ⑤ 6" SOLID WHITE LINE
- ⑥ 24" SOLID WHITE STOP BAR
- ⑦ 12" SOLID YELLOW LINES (DIAGONALS @ 20' C-C)
- ⑧ LETTERS AND SYMBOLS
- ⑨ 4" YELLOW CENTERLINE (10' LINE, 30' SPACE)
- ⑩ RAISED REFLECTIVE PAVEMENT MARKERS
 - ▷ ONE-WAY CRYSTAL
 - ▶ ONE-WAY AMBER
 - ◆ TWO-WAY AMBER
- ⑪ 8" SOLID WHITE LINE
- ⑫ 4" SINGLE SOLID WHITE LINE
- ⑬ 12" SOLID WHITE LINES (DIAGONALS @ 20' C-C)

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT OR CONCRETE SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- INLET TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED

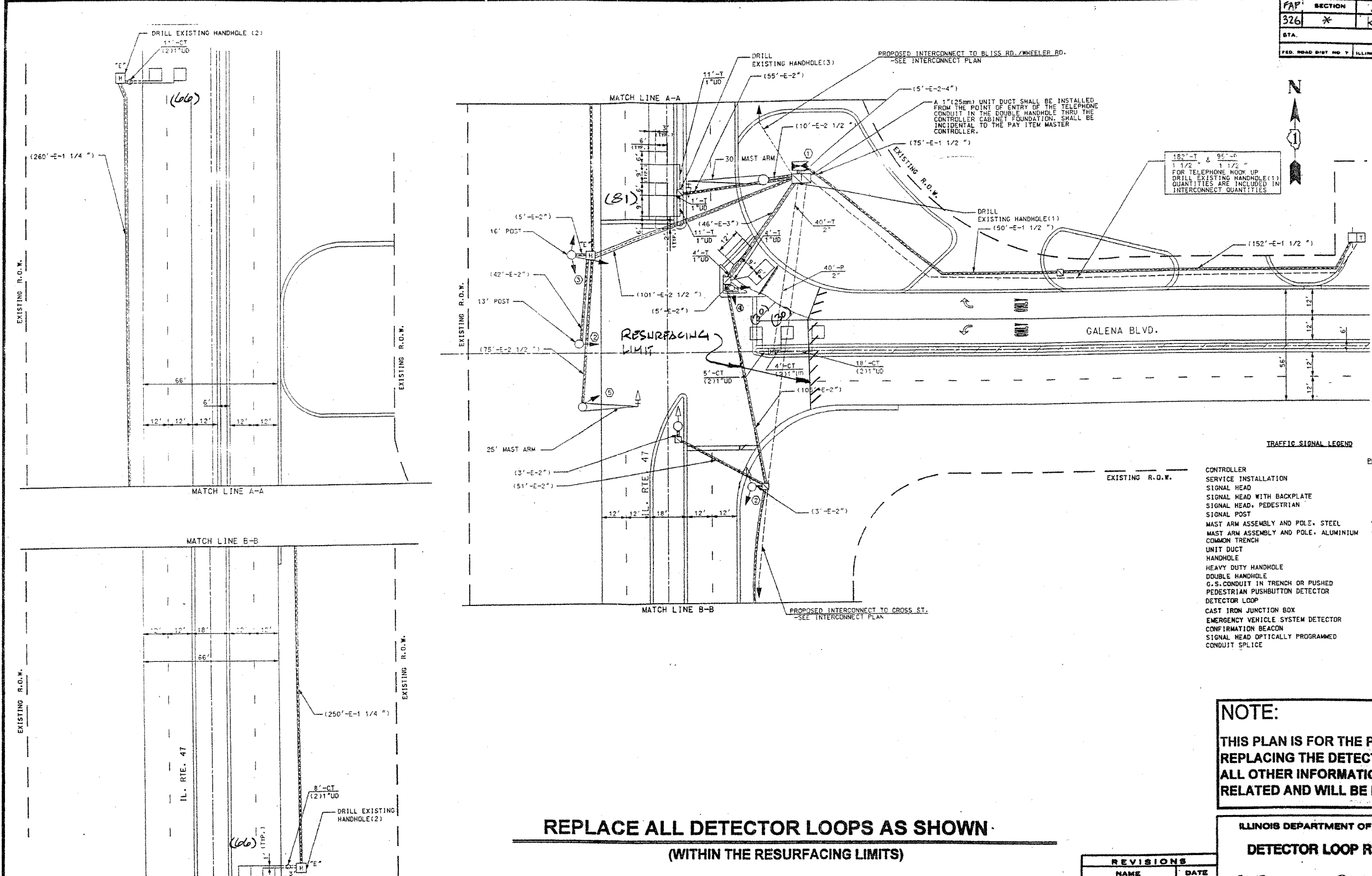
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU ROUTE 326 (IL 47)
 GALENA BLVD TO SEAVEY RD
ROADWAY AND PAVEMENT MARKING PLAN
 STA 229+00 TO STA 245+24

SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE: March 23, 2007

DRAWN BY NEC
 CHECKED BY SPF

FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
326	*	KANE	31	16
STA.		TO STA		
FED. ROAD DIST. NO. 7		ILLINOIS		
FED. AID PROJECT		* 107RS-2 62751		



TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING
CONTROLLER	CONTROLLER
SERVICE INSTALLATION	SERVICE INSTALLATION
SIGNAL HEAD	SIGNAL HEAD
SIGNAL HEAD WITH BACKPLATE	SIGNAL HEAD WITH BACKPLATE
SIGNAL HEAD, PEDESTRIAN	SIGNAL HEAD, PEDESTRIAN
SIGNAL POST	SIGNAL POST
MAST ARM ASSEMBLY AND POLE, STEEL	MAST ARM ASSEMBLY AND POLE, STEEL
MAST ARM ASSEMBLY AND POLE, ALUMINIUM	MAST ARM ASSEMBLY AND POLE, ALUMINIUM
COMMON TRENCH	COMMON TRENCH
UNIT DUCT	UNIT DUCT
HANDHOLE	HANDHOLE
HEAVY DUTY HANDHOLE	HEAVY DUTY HANDHOLE
DOUBLE HANDHOLE	DOUBLE HANDHOLE
G.S. CONDUIT IN TRENCH OR PUSHED	G.S. CONDUIT IN TRENCH OR PUSHED
PEDESTRIAN PUSHBUTTON DETECTOR	PEDESTRIAN PUSHBUTTON DETECTOR
DETECTOR LOOP	DETECTOR LOOP
CAST IRON JUNCTION BOX	CAST IRON JUNCTION BOX
EMERGENCY VEHICLE SYSTEM DETECTOR	EMERGENCY VEHICLE SYSTEM DETECTOR
CONFIRMATION BEACON	CONFIRMATION BEACON
SIGNAL HEAD OPTICALLY PROGRAMMED	SIGNAL HEAD OPTICALLY PROGRAMMED
CONDUIT SPLICE	CONDUIT SPLICE

NOTE:
THIS PLAN IS FOR THE PURPOSE OF REPLACING THE DETECTOR LOOPS ONLY. ALL OTHER INFORMATION SHOWN IS NOT RELATED AND WILL BE DISREGARDED.

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

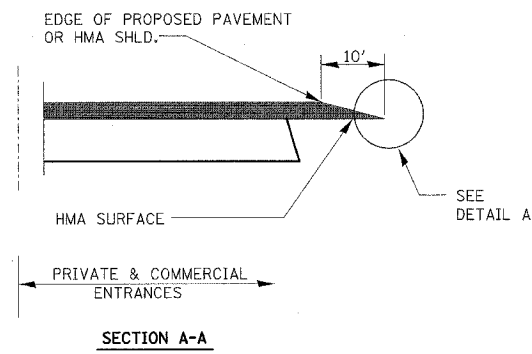
CODE NO.	QUANTITY	UNIT	ITEM
86600600	355	Foot	Detector Loop Replacement

REVISIONS	
NAME	DATE

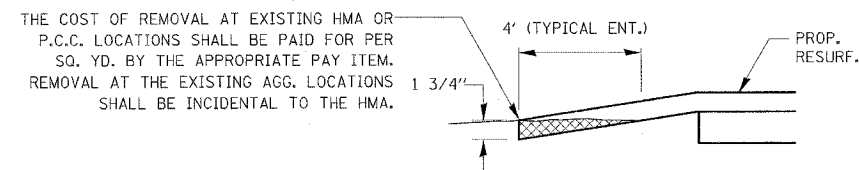
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETECTOR LOOP REPLACEMENT
IL. ROUTE 47 @ GALENA BLVD.
SCALE: 1" = 20'
DATE: MAR. 04
DRAWN BY: []
DESIGNED BY: []
CHECKED BY: []

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	19
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

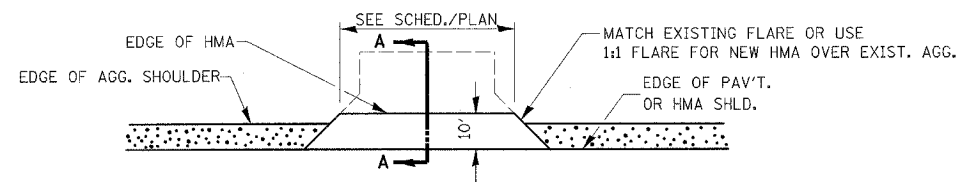
CONTRACT NO.: 62751



DETAILS AT ENTRANCES

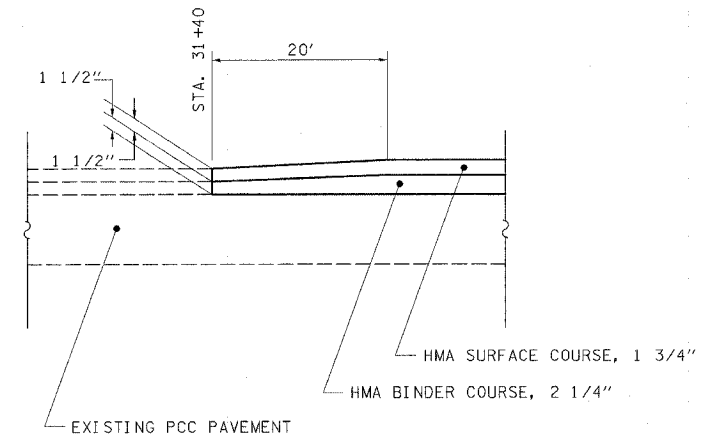


DETAIL A



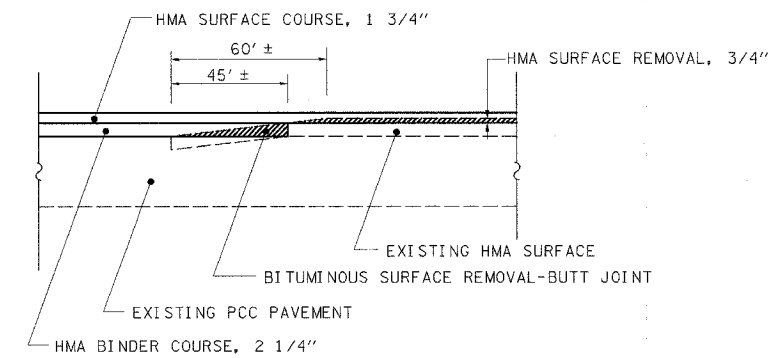
PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)



HOT-MIX ASPHALT TAPER DETAIL

@ STA. 31+40



HOT-MIX ASPHALT TAPER DETAIL

@ STA. 168+01
@ STA. 211+50 (OPPOSITE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU ROUTE 326 (IL 47)
GALENA BLVD TO SEAVEY RD

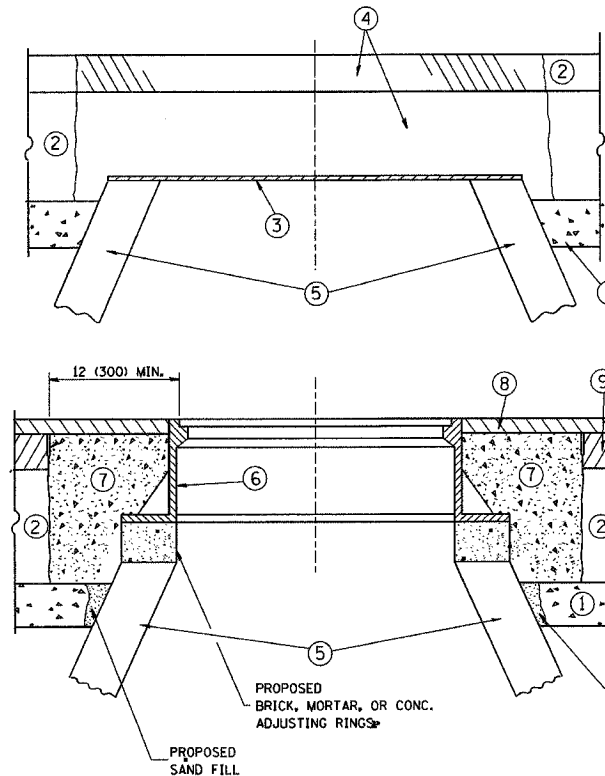
ROADWAY DETAILS

SCALE: VERT.
HORIZ.
DATE: March 23, 2007

DRAWN BY NEC
CHECKED BY SPF

3/23/2007 11:49:17 AM K:\182528\1147 - 3p\cadd\cadd\plan\1825\Details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	20
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 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.

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

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.

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

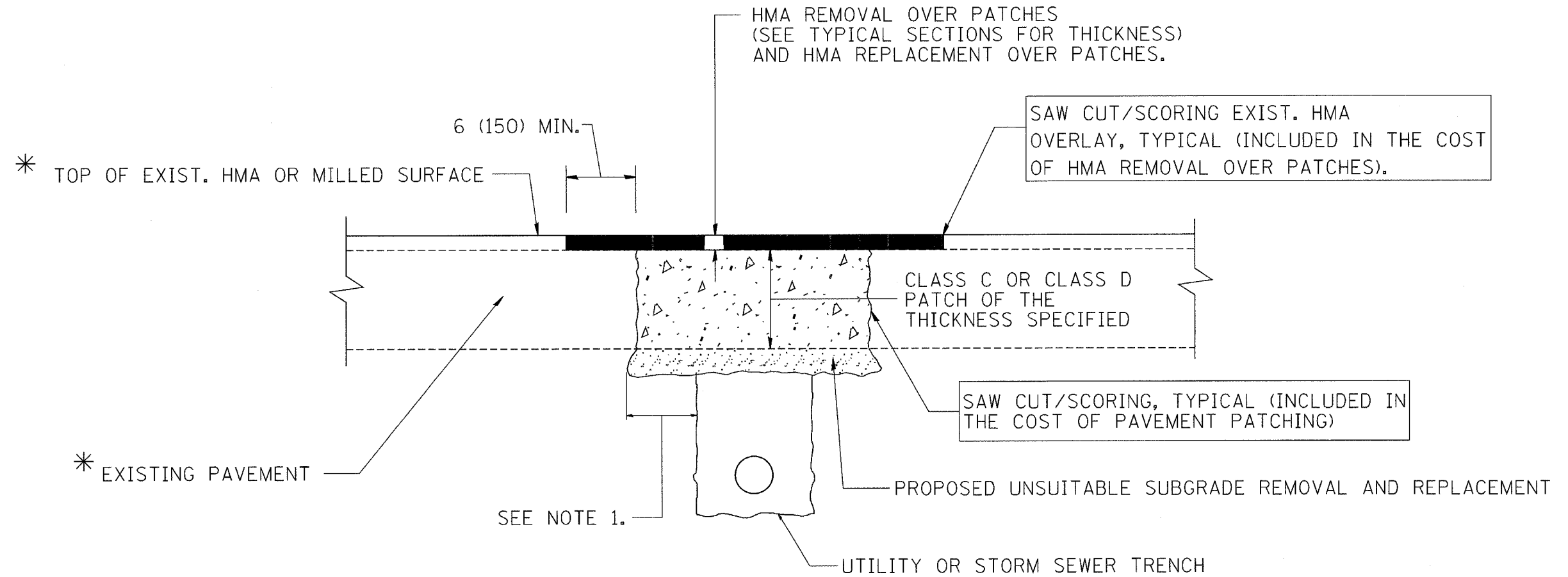
REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/30/95
R. SHAH	03/10/95
A. ABBAS	03/21/97
R. WIEDEMAN	05/14/04
R. BORO	01/01/07

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

SCALE: VERT. NONE
 HORIZ. NONE
 PLOT DATE: 1/18/2007

DRAWN BY
 CHECKED BY
 BD600-03 (BD-8)
 REVISION DATE: 01/01/07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	21
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



* 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

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

SCALE: VERT. NONE
HORIZ. NONE
PLOT DATE: 1/18/2007

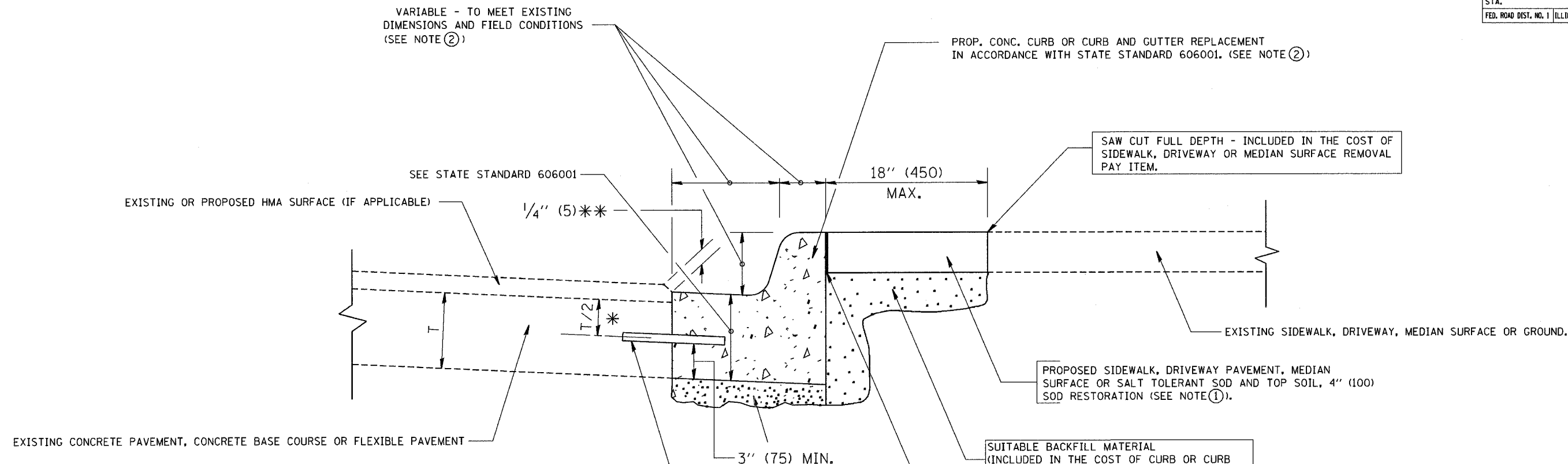
DRAWN BY

CHECKED BY

BD400-04 (BD-22)

REVISION DATE: 01/01/07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	22
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.

- PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)
- SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.
- EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE OR GROUND.
- PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SALT TOLERANT SOD AND TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).
- SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- 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

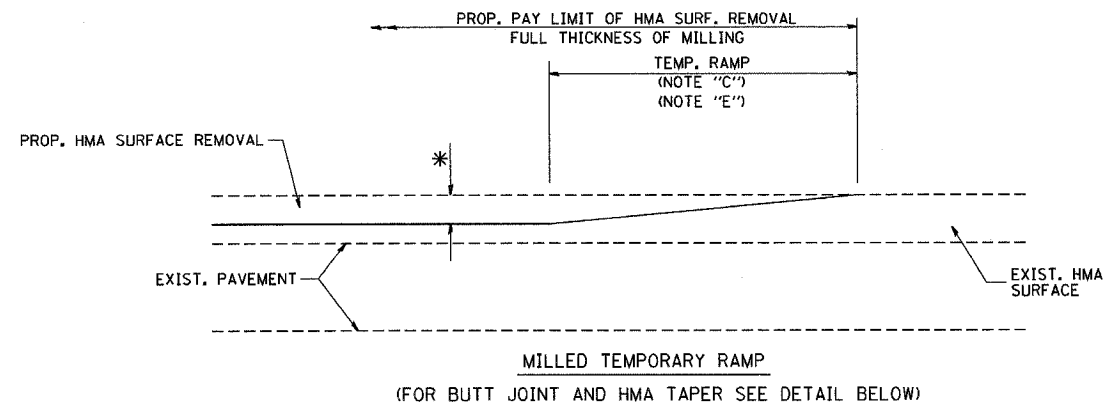
REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

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

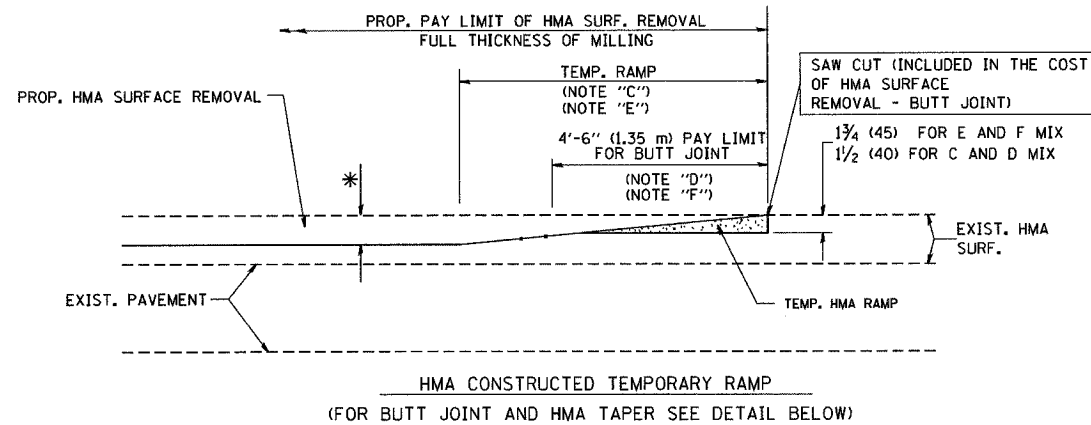
SCALE: VERT. NONE
 HORIZ. 1/8" = 1'-0"
 DRAWN BY: _____
 CHECKED BY: _____
 PLOT DATE: 1/18/2007
 BD600-06 (BD-24)
 REVISION DATE: 01/01/07

PLOT DATE: 1/18/2007
 FILE NAME: c:\projects\107rs-2\107rs-2.dgn
 USER: rshah
 PLOT DEVICE: HP DesignJet 5000

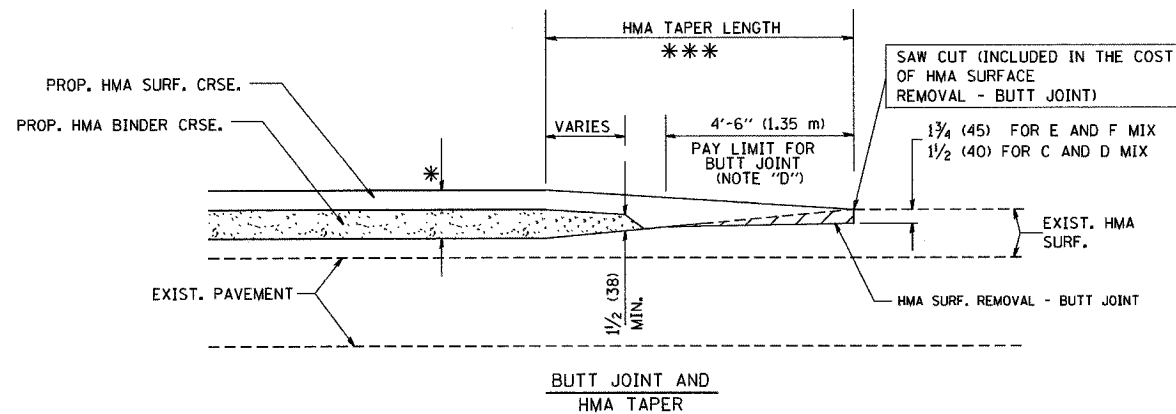
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	23
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



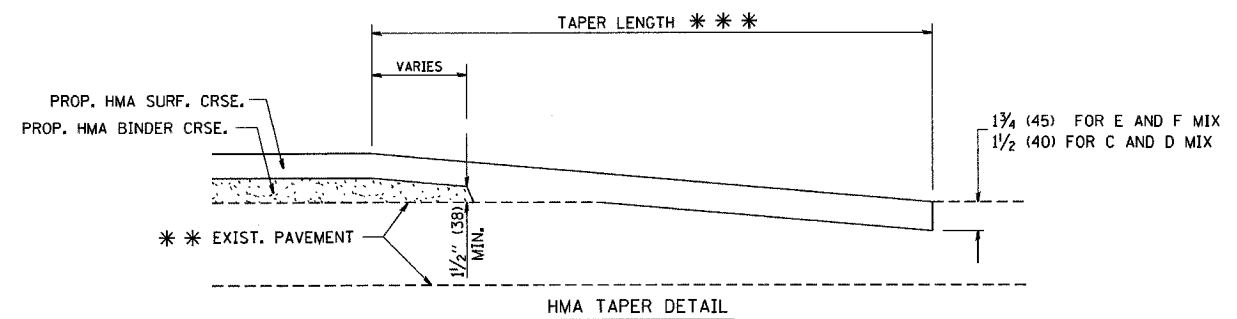
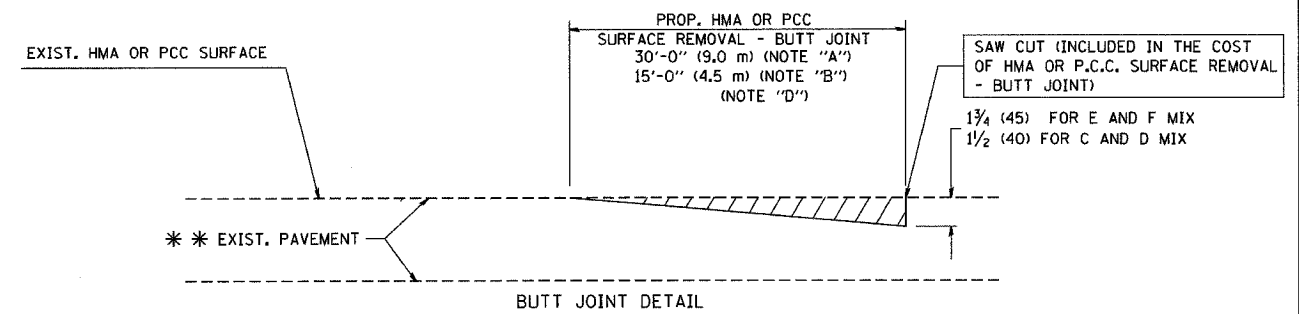
OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

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

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR 'HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT'.
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

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".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER
DETAILS

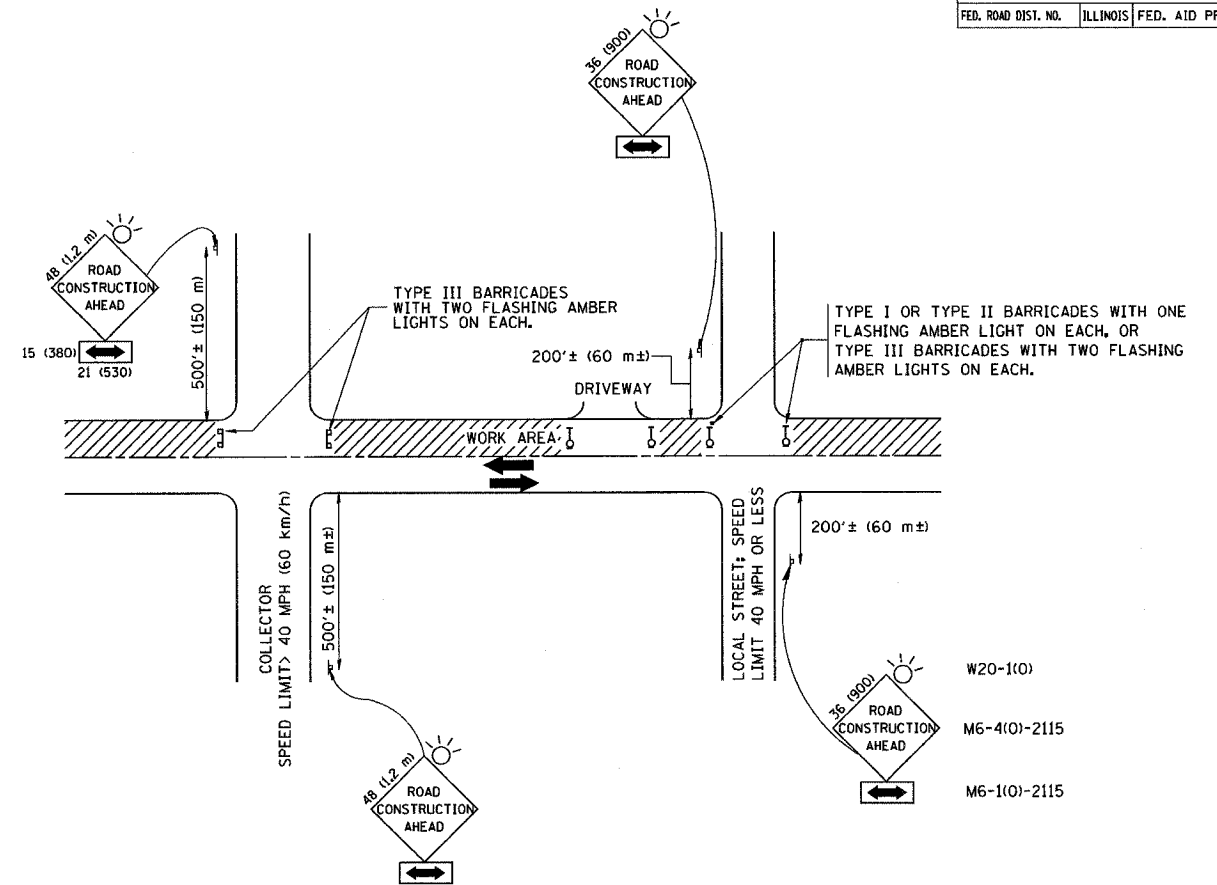
SCALE: VERT. NONE
HORIZ. 1"=20'
PLOT DATE: 1/18/2007

DRAWN BY
CHECKED BY

BD400-05 (VI-BD32)
REVISION DATE: 01/01/07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	24

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 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 60 km/h (40 MPH) 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.

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

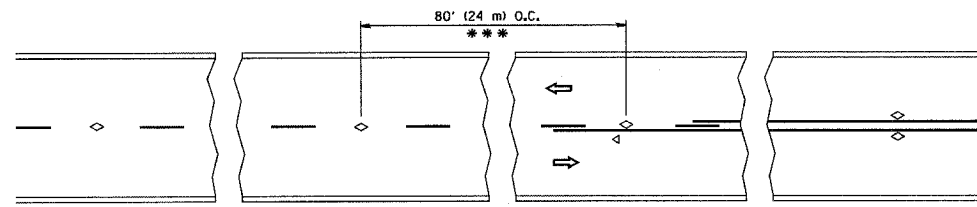
SCALE:
 DATE: 1/17/2007

DRAWN BY
 CHECKED BY

TC-10

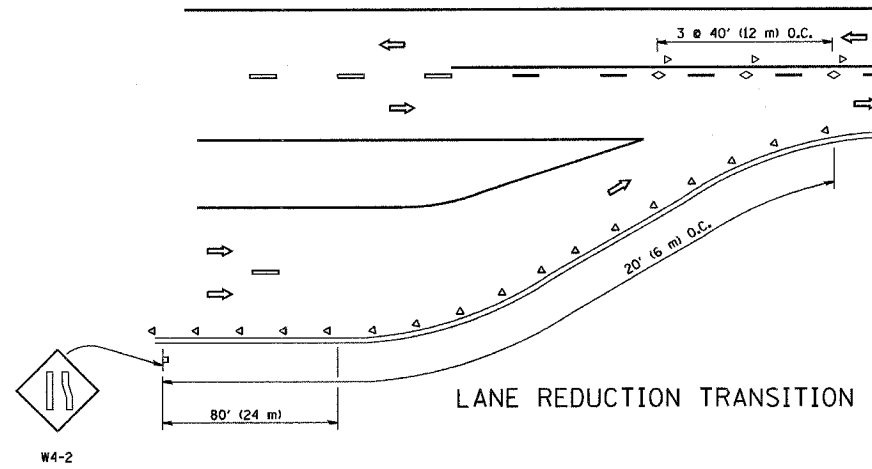
REVISION DATE: 01/06/00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

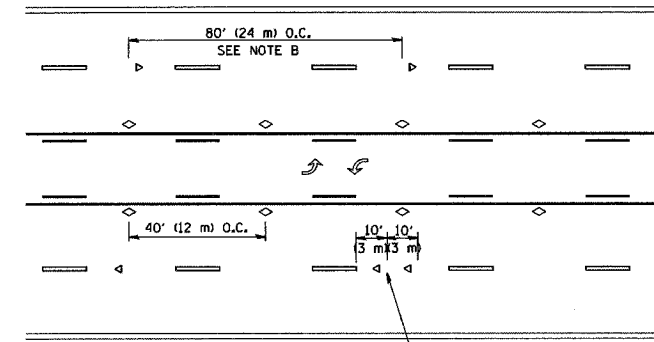


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

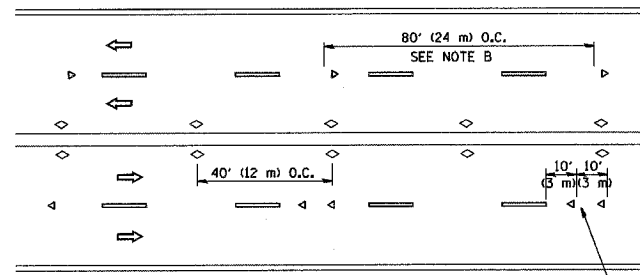
TWO-LANE/TWO-WAY



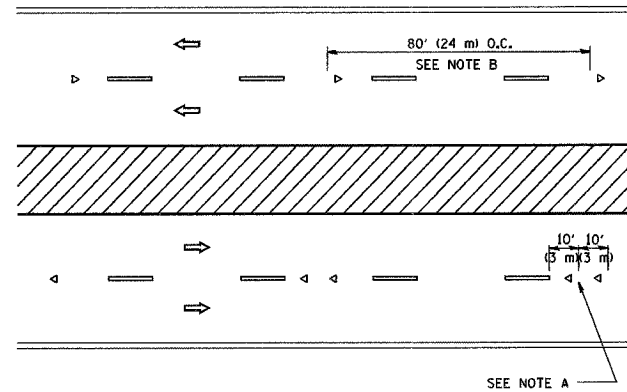
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

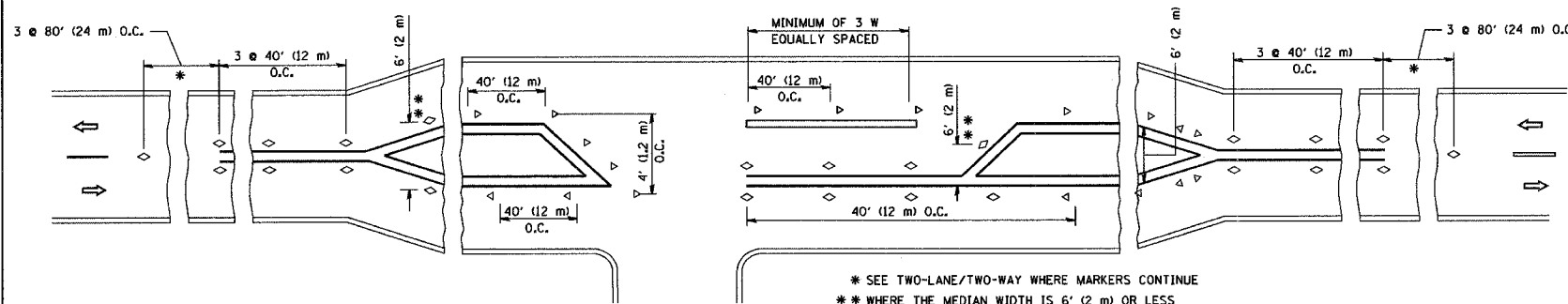
- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◇ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

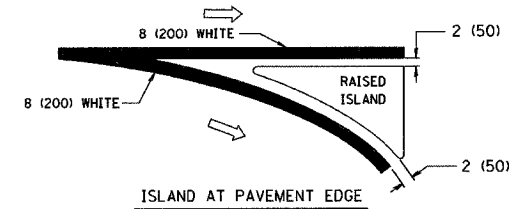
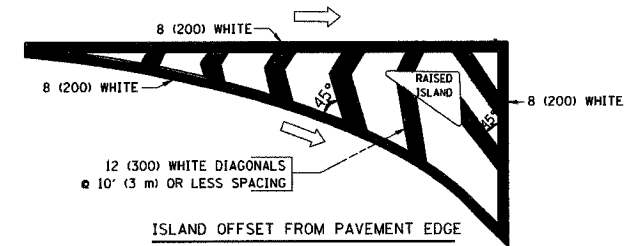
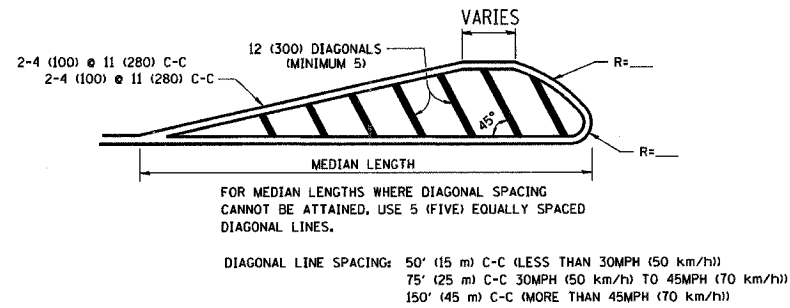
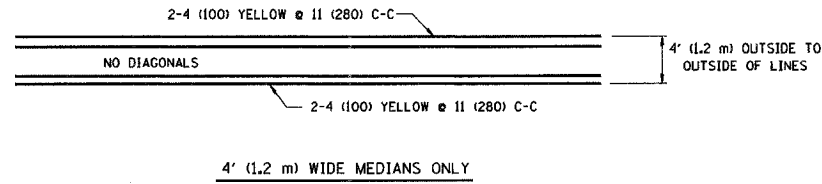
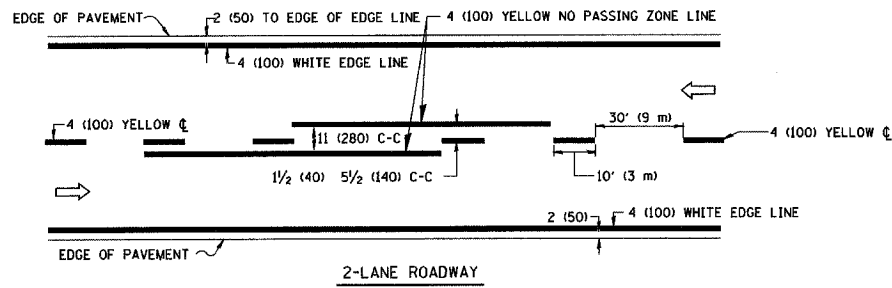
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT
 MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE
 DATE: 11/17/2007

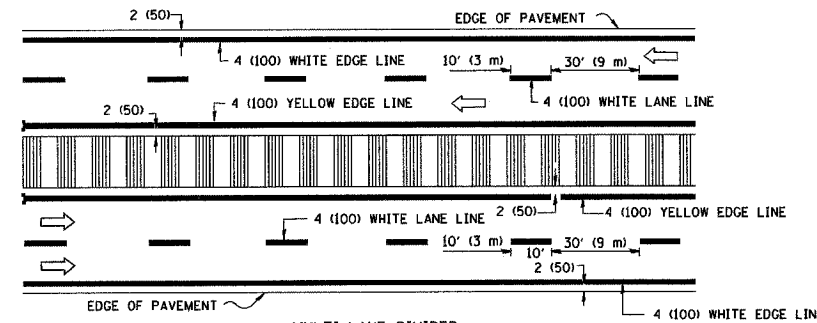
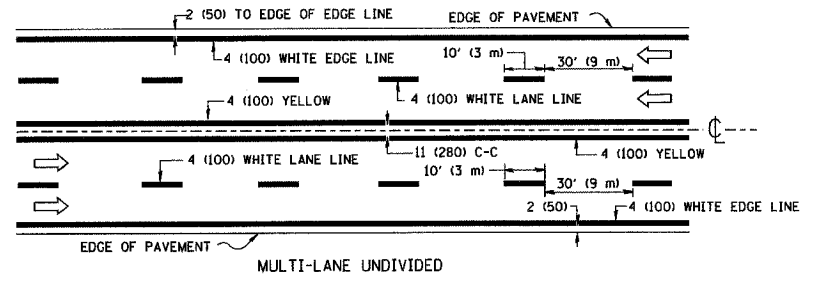
DRAWN BY CADD
 CHECKED BY TC-11

REVISION DATE: 01/06/00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

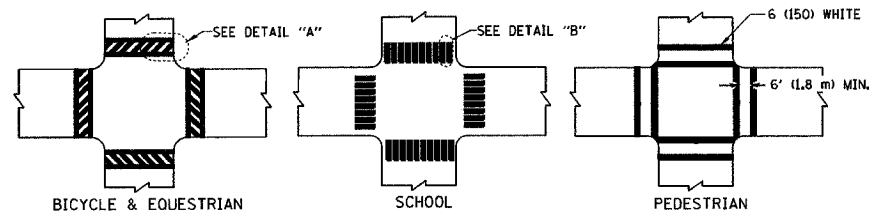


TYPICAL ISLAND MARKING

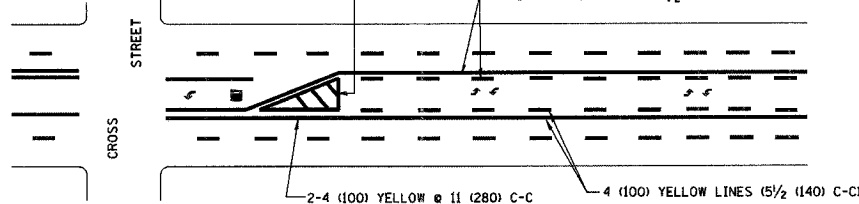


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



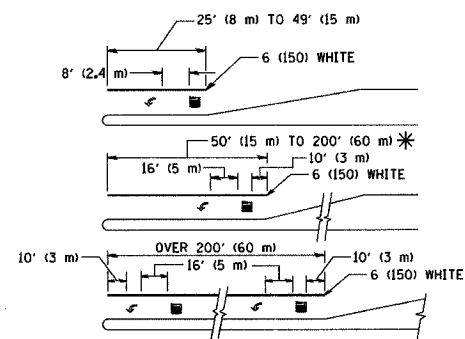
TYPICAL CROSSWALK MARKING



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



TYPICAL PAINTED MEDIAN MARKING



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

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m 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 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: 1/17/2007

DRAWN BY CADD

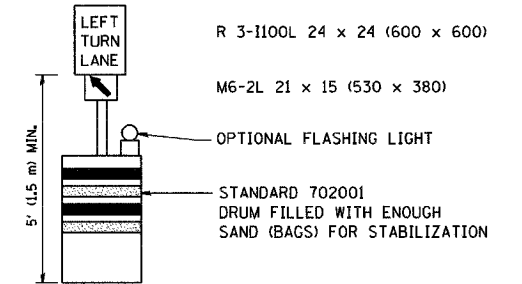
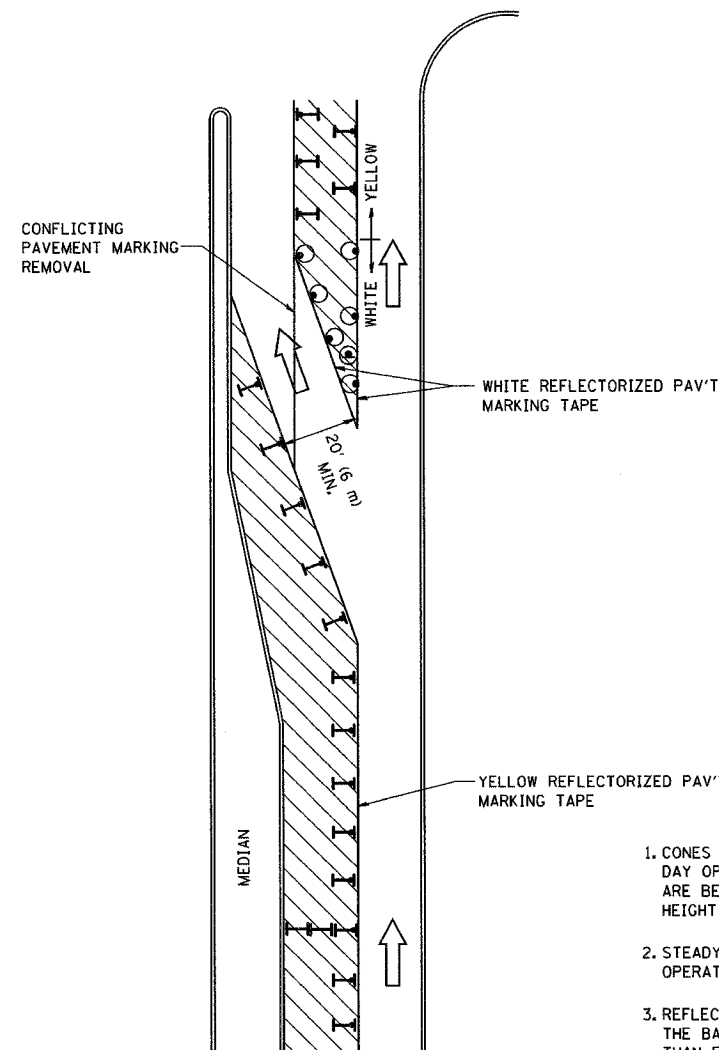
CHECKED BY

TC-13

REVISION DATE: 01/06/00

PLOT DATE = 1/17/2007
FILE NAME = K:\davis\1013.dgn
SCALE = 1/8" = 1'-0"
USER NAME = jlg

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	27
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

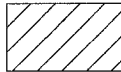







GENERAL NOTES

- 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).
- STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 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.
- 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.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- FORM BT 725 IS REQUIRED.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

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

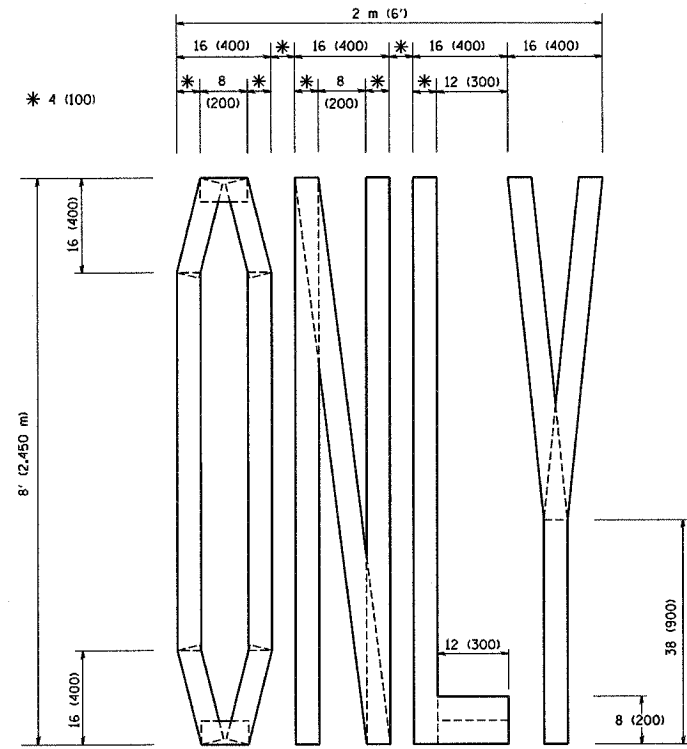
REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. ROUSEH	11/07/95
A. ROUSEH	10/12/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 AT TURN BAYS
 (TO REMAIN OPEN TO TRAFFIC)**

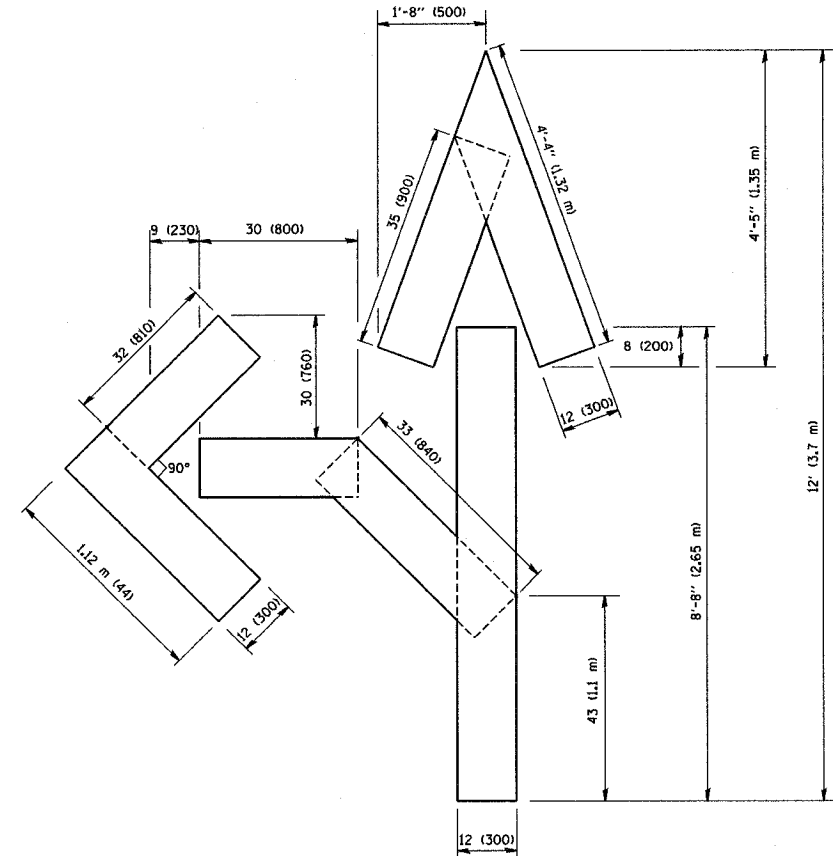
SCALE: NONE
 DATE: 1/17/2007

DRAWN BY
 CHECKED BY LHA
 TC-14
 REVISION DATE: 01/06/00

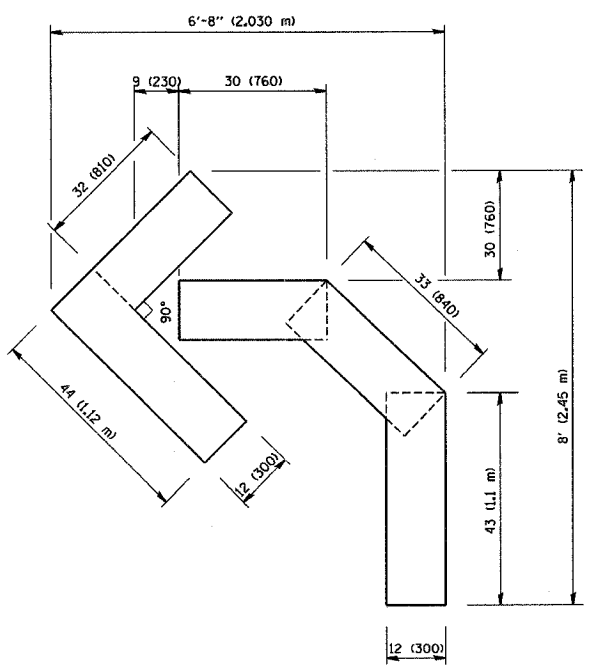
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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 millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

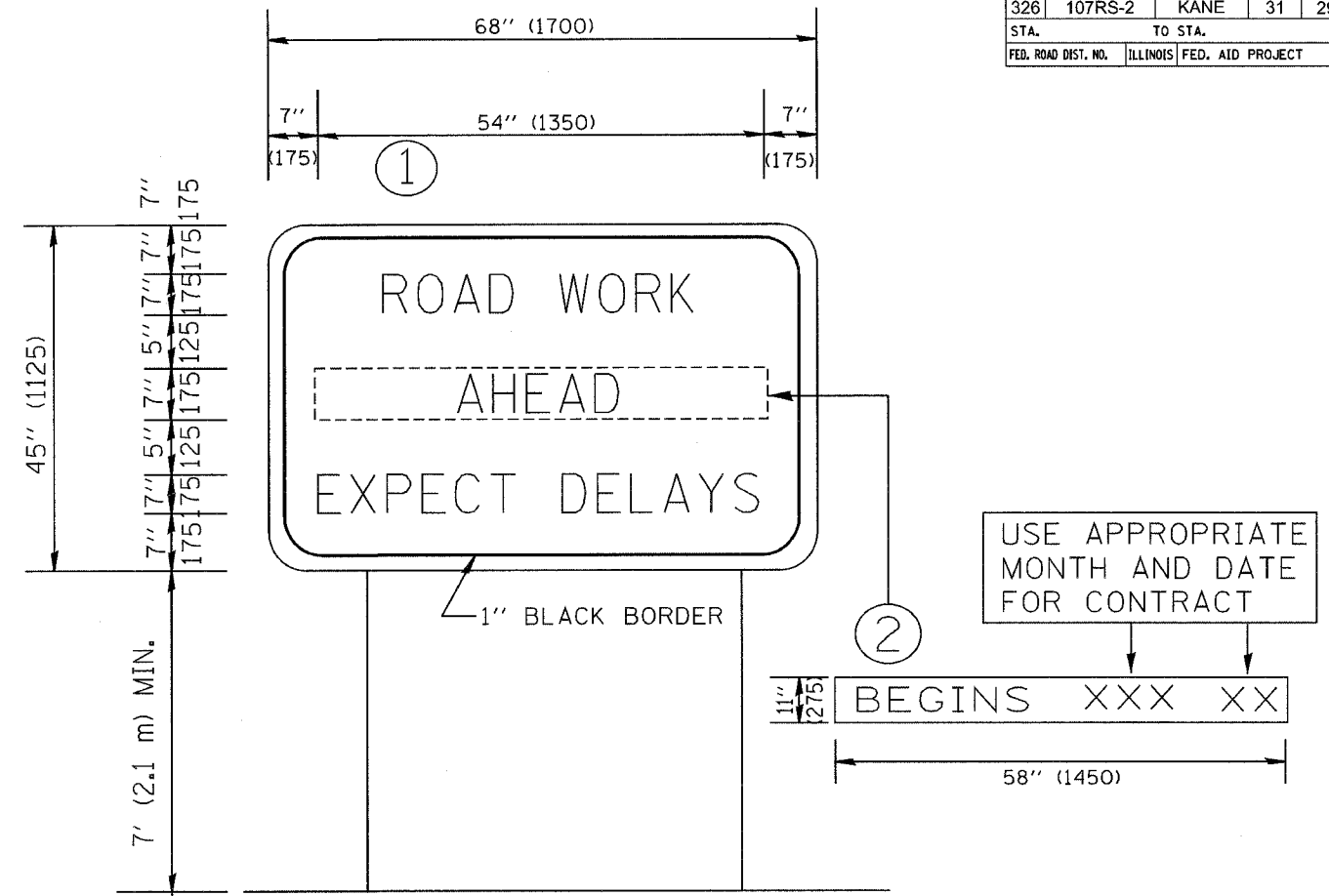
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
 LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

SCALE: NONE
 DATE: 11/17/2007
 DRAWN BY CADD
 CHECKED BY

PLOT DATE = 1/17/2007
 FILE NAME = K:\v\stg\pav\stg.dgn
 PLOT SCALE = 0.00000 1/16"
 USER NAME = jgago

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

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

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

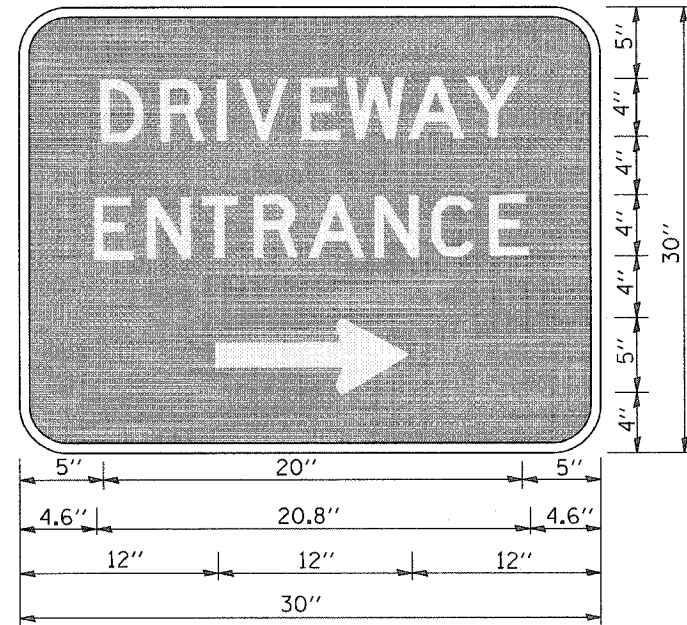
ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY INFORMATION SIGNING

SCALE:
DATE: 1/17/2007

DRAWN BY DESIGN
CHECKED BY

TC22
REVISION DATE: 02/02/99

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	30
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".

PLOT DATE = 3/8/2007
 FILE NAME = W:\david\10258.dgn
 USER NAME = david

REVISIONS	
NAME	DATE
C. JUCIUS	02/15/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DRIVEWAY ENTRANCE
SIGNING**

SCALE: NONE

DRAWN BY R.H.

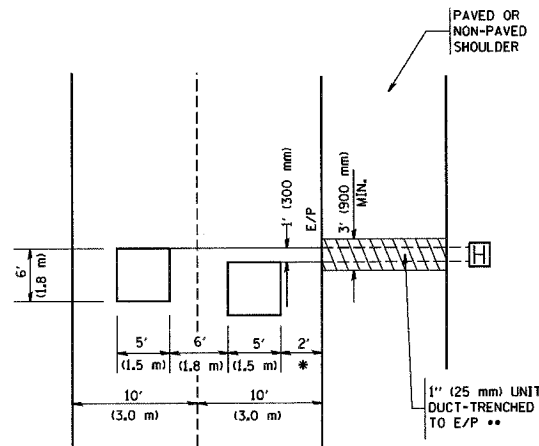
CHECKED BY

TC-26

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	107RS-2	KANE	31	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

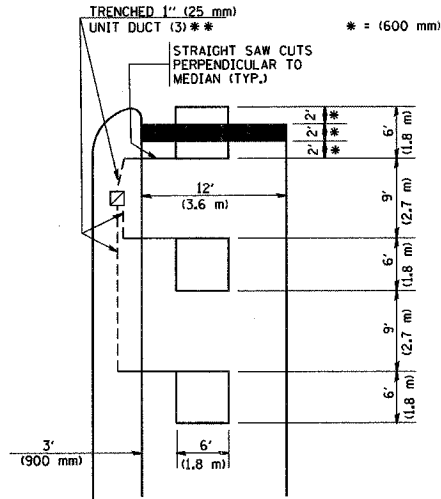


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

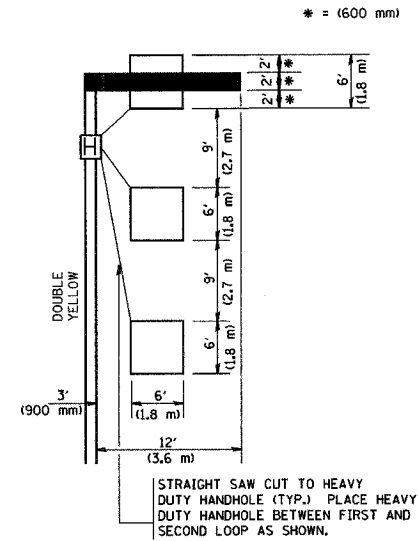
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



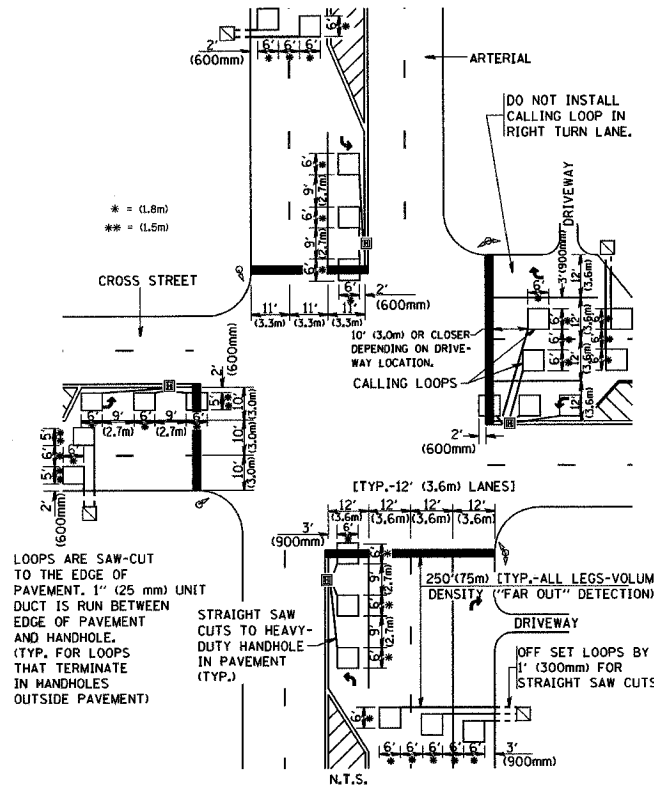
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

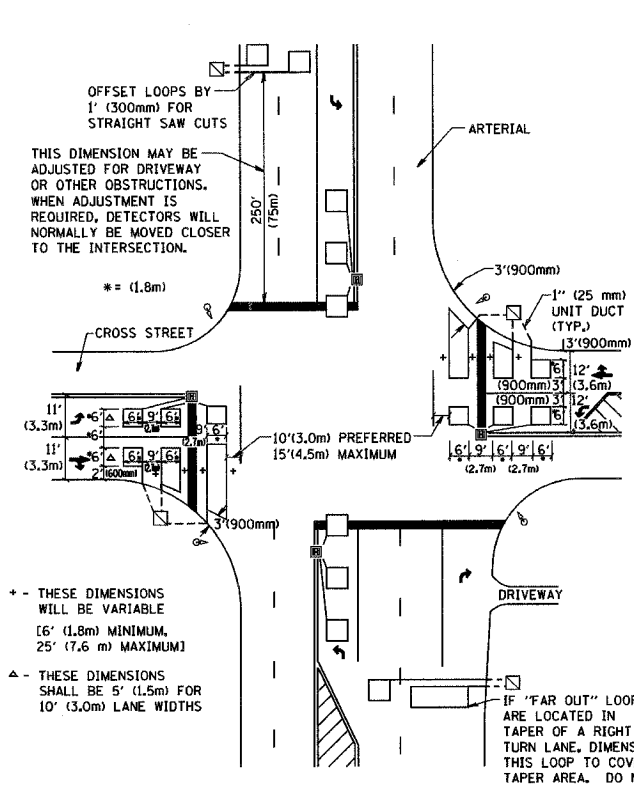
- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST 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.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

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.

REVISIONS	
NAME	DATE

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

SCALE: NONE
DATE: 2/15/2006