

DESIGN ENGINEER: VYDAS JUSKELIS, P.E. (630) 834-8505

FIELD ENGINEER: MARILYN SOLOMON (847) 705-4407

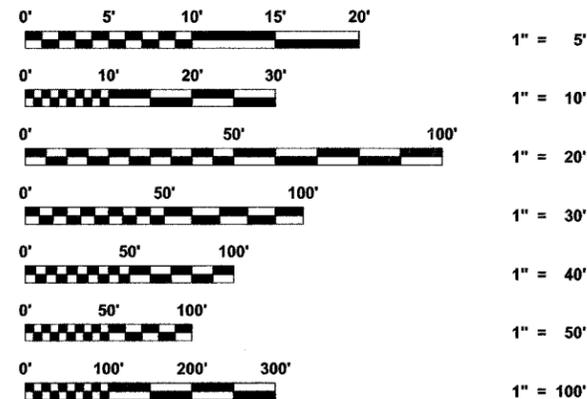
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2651	06-00081-00-RS	DUPAGE	13	1
STA. 32+42.03		TO STA. 54+42.03		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63031				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
 FAU ROUTE 2651 - ARDMORE AVENUE
 (UNION PACIFIC R.R. TO ILLINOIS CENTRAL R.R.)
RESURFACING (LAPP PROJECT)
 SECTION: 06-00081-00-RS
 PROJECT: M-8003 (702)
 DU PAGE COUNTY
 JOB NUMBER: C-91-048-07

INDEX OF SHEETS:

- 1) COVER SHEET
- 2) GENERAL NOTES, SUMMARY OF QUANTITIES, TYPICAL CROSS SECTIONS
- 3) PLAN, STA. 32+18.25 TO STA. 38+00.00
- 4) PLAN, STA. 38+00.00 TO STA. 44+00.00
- 5) PLAN, STA. 44+00.00 TO STA. 50+00.00
- 6) PLAN, STA. 50+00.00 TO STA. 54+42.00
- 7) PLAN, PAVEMENT MARKING, SHEET 1, STA. 32+18.25 TO STA. 44+00.00
- 8) PLAN, PAVEMENT MARKING, SHEET 2, STA. 44+00.00 TO STA. 54+42.00
- 9) PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- 10) BUTT JOINT AND HMA TAPER DETAILS
- 11) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- 12) DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- 13) TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

000001-05	STATE STANDARDS
442201-03	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
606001-03	CLASS C AND CLASS D PATCHES
701501-04	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
701901	URBAN LANE CLOSURE, 2L 2W UNDIVIDED
780001-01	TRAFFIC CONTROL DEVICES
	TYPICAL PAVEMENT MARKING



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.

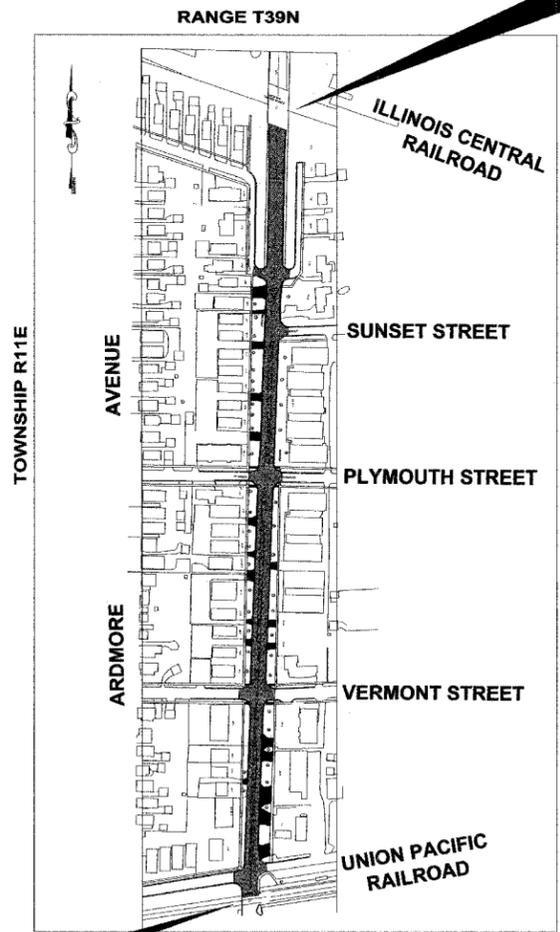
J.U.L.I.E
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123

CONTRACT NO. 63031



VILLAGE OF VILLA PARK
 ENGINEERING DIVISION
 RICH SALERNO - ASSISTANT VILLAGE ENGINEER
 20 SOUTH ARDMORE AVENUE
 VILLA PARK, ILLINOIS 60181-2696
 PHONE (630) 834-8505
 FAX (630) 834-8509

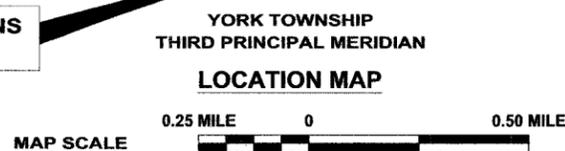
**PROJECT
 LOCATED IN
 THE VILLAGE
 OF VILLA PARK**



**PROJECT BEGINS
 STA 32+18.25**

**PROJECT ENDS
 STA 54+42.00**

TRAFFIC DATA
 ARDMORE AVENUE - 5,400 ADT (2006)
 DESIGN SPEED - 25 MPH
 DESIGN DESIGNATION - 25 MPH



LENGTH OF IMPROVEMENT

GROSS PROJECT LENGTH = 2223.75 FEET (0.42 MILES) NET PROJECT LENGTH = 2223.75 FEET (0.42 MILES)



Vydas Juskelis
 ENGINEER: VYDAS JUSKELIS DATE: 04/02/2008
 ILLINOIS REGISTRATION NUMBER: 062-045747
 EXPIRATION DATE: 11/30/09
THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT THE SIGNATURE, SEAL AND EXPIRATION DATE OF SEAL OF THE ENGINEER.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

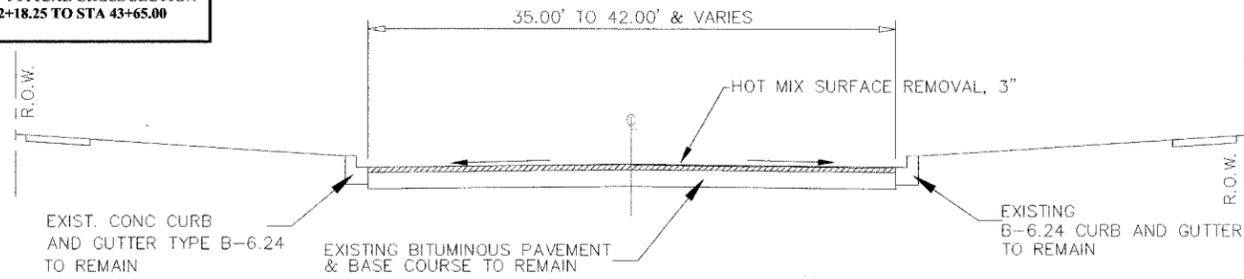
Approved: *Vydas Juskelis*
 Vydas Juskelis, P.E. • Public Works Director
 Local Agency, Position

Passed: *April 11, 2008*
Christopher Holt
 District #11 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *APRIL 14, 2008*
Diana M. O'Keefe
 Deputy Director of Highways, Region #1 Engineer

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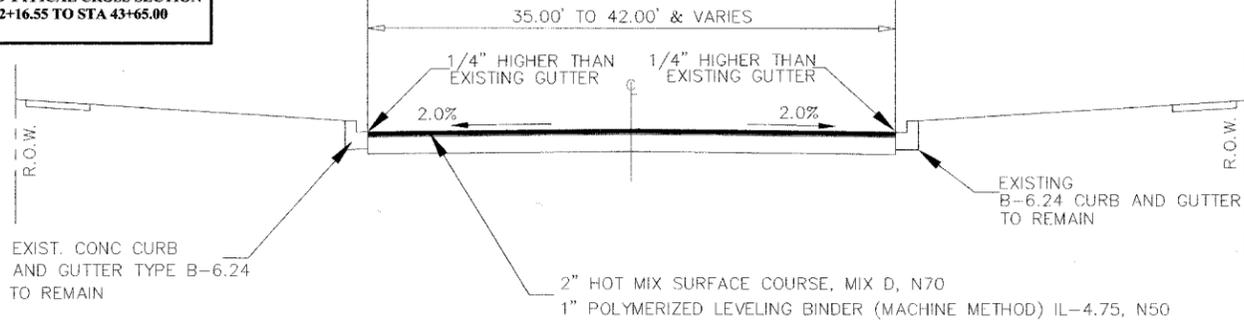
**EXISTING TYPICAL CROSS SECTION
STA 32+18.25 TO STA 43+65.00**



NOT TO SCALE

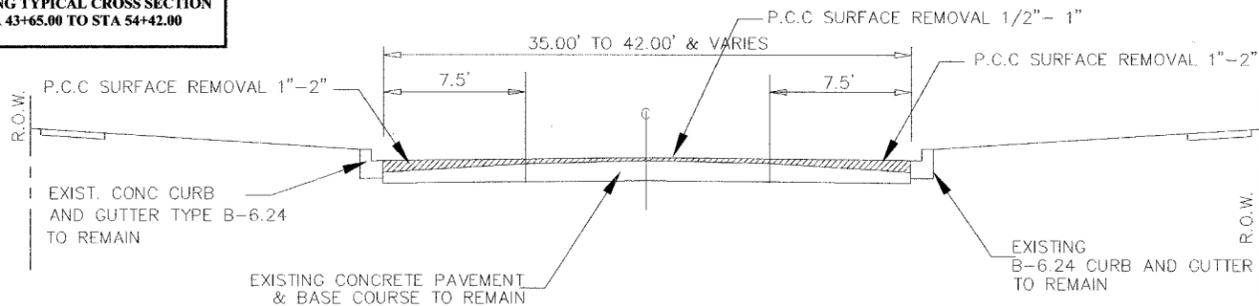
ALL EXISTING PAVEMENT THICKNESSES TAKEN FROM VILLAGE RECORDS

**PROPOSED TYPICAL CROSS SECTION
STA 32+16.55 TO STA 43+65.00**



NOT TO SCALE

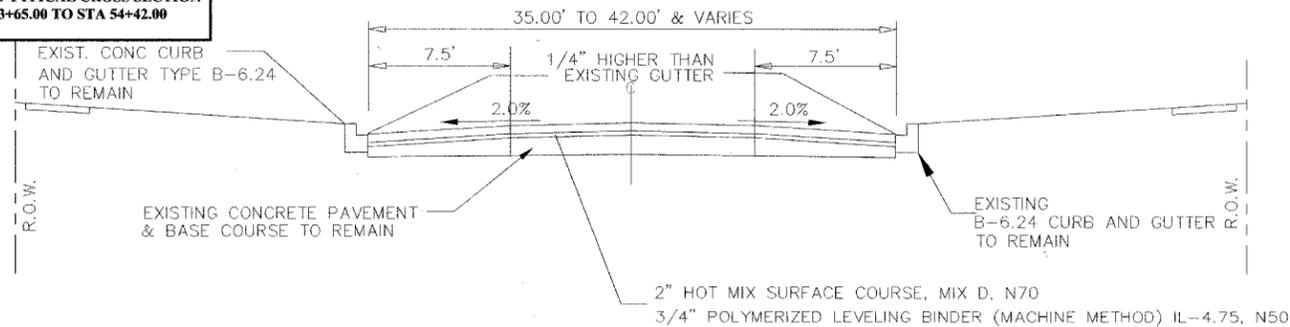
**EXISTING TYPICAL CROSS SECTION
STA 43+65.00 TO STA 54+42.00**



NOT TO SCALE

ALL EXISTING PAVEMENT THICKNESSES TAKEN FROM VILLAGE RECORDS

**PROPOSED TYPICAL CROSS SECTION
STA 43+65.00 TO STA 54+42.00**



NOT TO SCALE

GENERAL NOTES

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

10 FEET (3 METER) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS 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.

FULL DEPTH SAW CUT SHALL BE PERFORMED PRIOR TO REMOVAL OF COMBINATION CONCRETE CURB & GUTTER. FULL DEPTH SAW CUT WILL BE INCIDENTAL TO COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT ITEM.

RESTORATION BEHIND INSTALLED CURB & GUTTER SHALL BE CONSIDERED INCIDENTAL TO COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT ITEM.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF VILLA PARK.

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED- ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 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).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

GENERAL NOTES - TRAFFIC

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR STRONG YELLOW/GREEN VESTS HAVING FLUORESCENT ORANGE STRIPES AND HARD HATS AT ALL TIMES WHILE ON THE CONSTRUCTION SITES. COMPLIANCE WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE CONTRACT.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2651	06-00081-00-RS	DUPAGE	13	2
STA. NONE	TO STA. NONE			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63031				

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @70 Gyr
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @50 Gyr
CLASS D PATCHES, TYPE IV, 8 INCH HMA BINDER IL-19 mm	PG 64-22/58-22 *	4% @70 Gyr
BITUMINOUS DRIVEWAY PAVEMENT HMA SURFACE COURSE, MIX "D", N50	PG 64-22	4% @60 Gyr

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/50 YD/IN
* WHEN RAP EXCEED 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

SUMMARY OF QUANTITIES

NO	PAY CODE	DESCRIPTION	DESCRIPTION	UNIT	QUANTITY 1000
1	28000510	INLET FILTERS	INLET FILTERS	EACH	31.00
2	40600100	BITUMINOUS MATERIALS (PRIME COAT)	BIT MATLS PR CT	GALLON	1,072.00
3	40600300	AGGREGATE (PRIME COAT)	AGG PR CT	TON	22.00
4	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	MIX CR JTS FLANGEWYS	TON	15.00
5	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HMA SURF REM BUTT JT	SQ YD	100.00
6	40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	PCC SURF REM BUTT JT	SQ YD	35.00
7	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	HMA SC "D" N50	TON	117.00
8	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	HMA SC "D" N70	TON	982.00
9	44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	HMA SURF REM 1	SQ YD	2,072.00
10	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	HMA SURF REM 3	SQ YD	2,868.00
11	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	COMB C C&G REM & REPL	FOOT	40.00
12	44201335	CLASS C PATCHES, TYPE IV, 8 INCH	CL C PATCH T4 8	SQ YD	393.00
13	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	CL D PATCH T4 8	SQ YD	144.00
14	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	FR & LIDS ADJUST SPL	EACH	12.00
15	67100100	MOBILIZATION	MOBILIZATION	L SUM	1.00
16	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	TR CONT & PROT 701501	L SUM	1.00
17	70300100	SHORT-TERM PAVEMENT MARKING	SHORT-TERM PAVT MKING	FOOT	4,016.00
18	78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	PREF PL PM TB LTR-SYM	SQ FT	340.00
19	78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	PREF PL PM TB LINE 4	FOOT	1,556.00
20	78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	PREF PL PM TB LINE 6	FOOT	551.00
21	78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	PREF PL PM TB LINE 12	FOOT	846.00
22	78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	PREF PL PM TB LINE 24	FOOT	296.00
23	X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	POL LB MM IL4.75 N50	TON	460.00
24	X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	PCC SURF REM VAR DP	SQ YD	7,846.00
25	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	RR PROT LIABILITY INS	L SUM	1.00

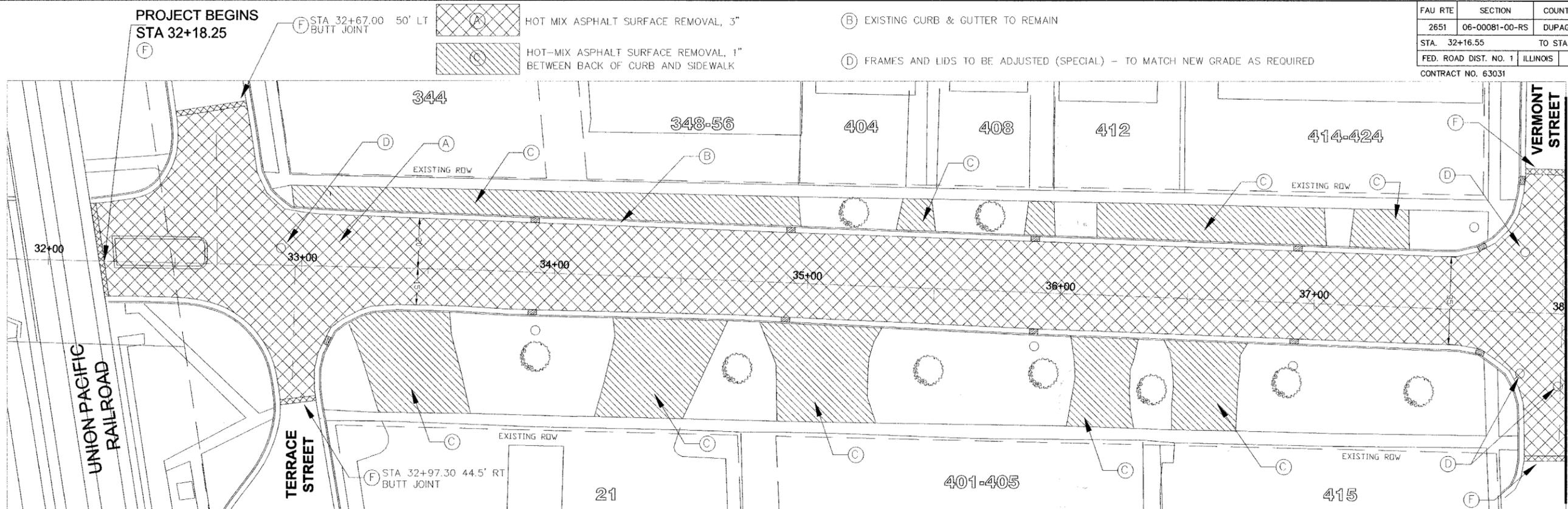
* DENOTES SPECIALTY ITEM

REVISIONS	
NAME	DATE
PER IDOT REVIEW	02/25/08

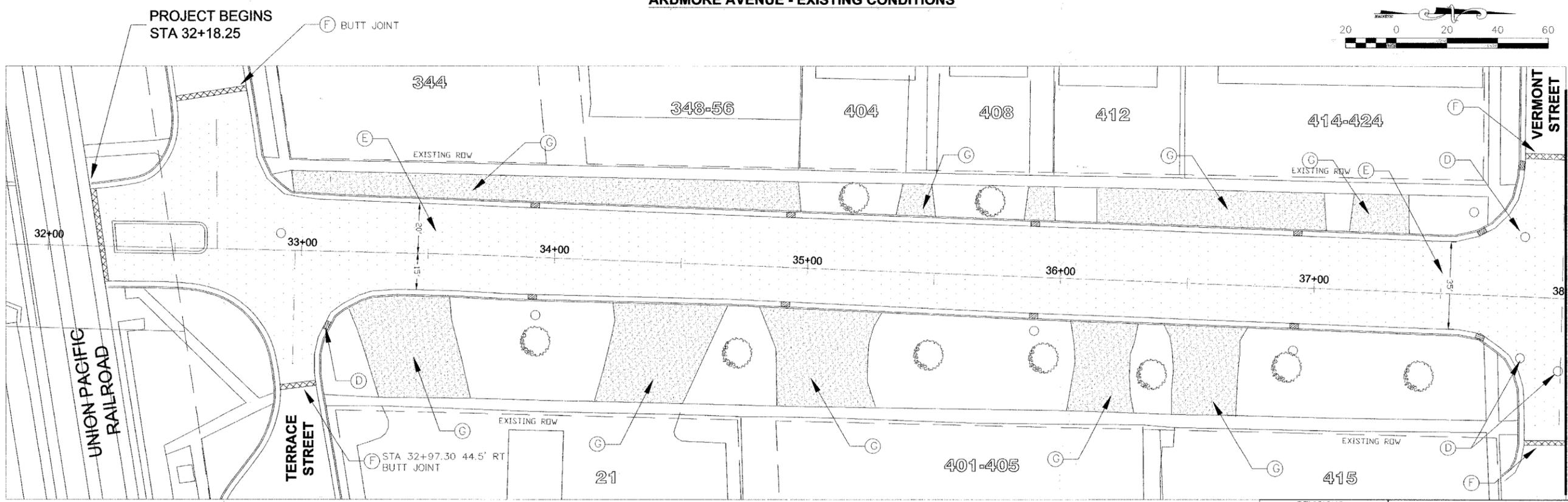
ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF VILLA PARK
ARDMORE AVENUE RESURFACING
DEVELOPMENT PLAN
GENERAL NOTES, SUMMARY OF
QUANTITIES, TYPICAL CROSS
SECTIONS
SCALE: NONE DRAWN BY: C.C.
DATE: 12/28/07 CHECKED BY: S.K.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2651	06-00081-00-RS	DUPAGE	13	3
STA. 32+16.55		TO STA. 38+00.00		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

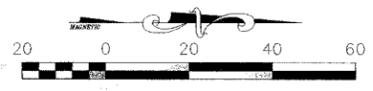
CONTRACT NO. 63031



ARDMORE AVENUE - EXISTING CONDITIONS



ARDMORE AVENUE - PROPOSED IMPROVEMENTS



- (E) RESURFACE PAVEMENT (STA 32+18.25 TO STA 43+65.00)
1" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
2" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70
- RESURFACE PAVEMENT (STA 43+65.00 TO STA 54+42.00)
3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
2" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (F) HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT

- (G) RESURFACE DRIVEWAY PAVEMENT
1" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50
MATCH WITH TOP OF CURB AND SIDEWALK
- (H) PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH), SEE TYPICAL CROSS SECTION.

REVISIONS	
NAME	DATE
PER IDOT REVIEW	02/25/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF VILLA PARK
**ARDMORE AVENUE RESURFACING
DEVELOPMENT PLAN**
STA 32+18.25 to STA 38+00

SCALE: 1" = 20'
DATE: 12/28/07

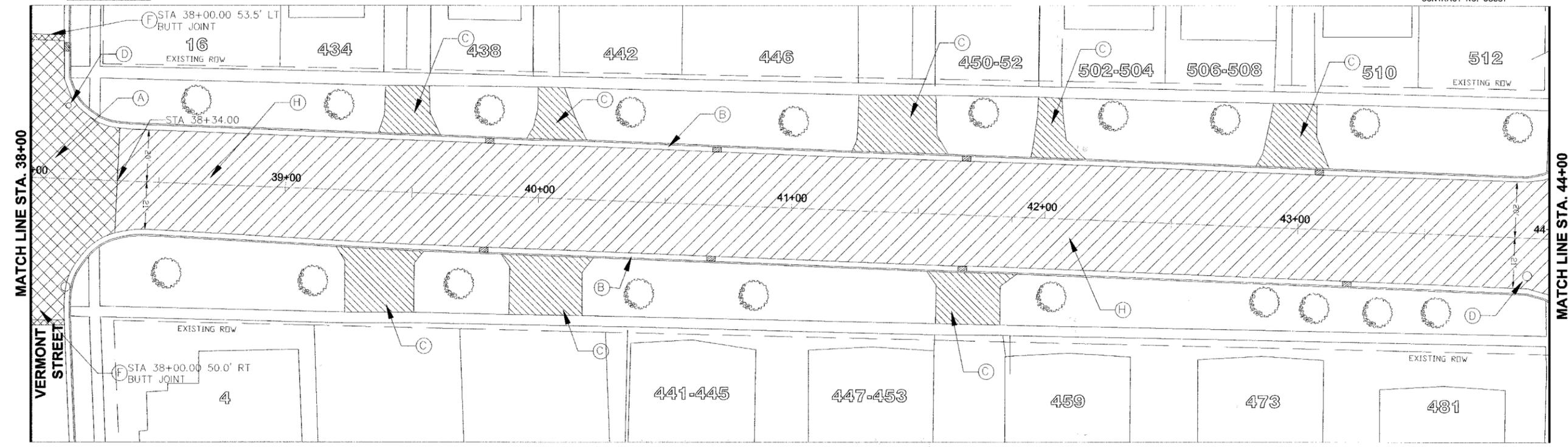
DRAWN BY: C.C.
CHECKED BY: S.K.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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STA. 38+00.00		TO STA. 44+00.00		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 63031				

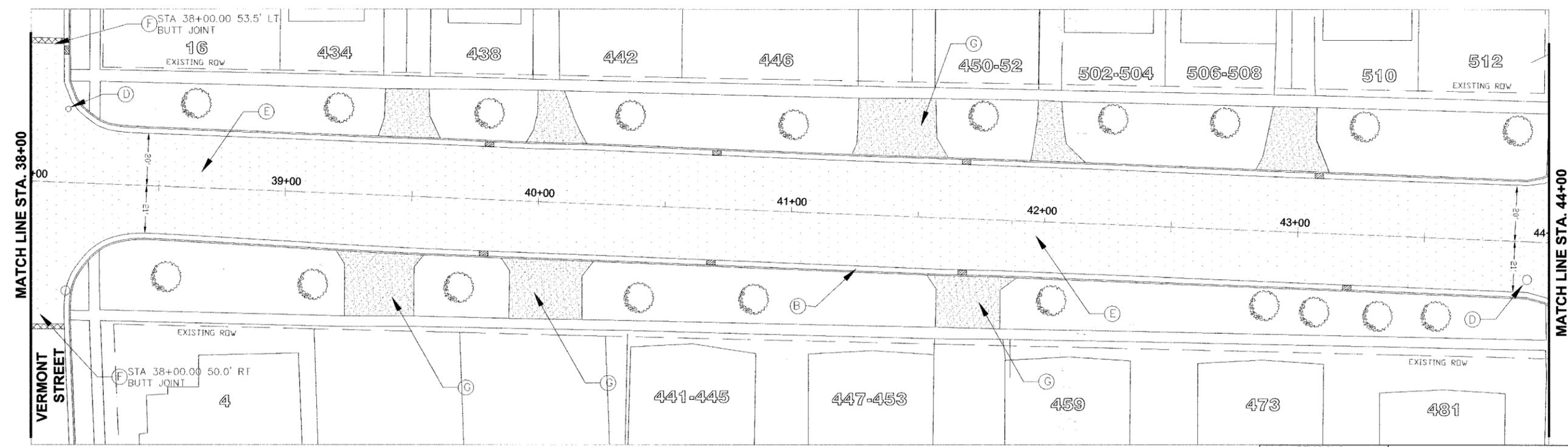
(A) HOT MIX ASPHALT SURFACE REMOVAL, 3"
 (C) HOT-MIX ASPHALT SURFACE REMOVAL, 1" BETWEEN BACK OF CURB AND SIDEWALK

(B) EXISTING CURB & GUTTER TO REMAIN
 (D) FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) - TO MATCH NEW GRADE AS REQUIRED

(H) PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH), SEE TYPICAL CROSS SECTION.



ARDMORE AVENUE - EXISTING CONDITIONS



ARDMORE AVENUE - PROPOSED IMPROVEMENTS

(E) RESURFACE PAVEMENT (STA 32+18.25 TO STA 43+65.00)
 1" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
 2" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70
 RESURFACE PAVEMENT (STA 43+65.00 TO STA 54+42.00)
 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
 2" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70
 (F) HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT

(G) RESURFACE DRIVEWAY PAVEMENT
 1" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50
 MATCH WITH TOP OF CURB AND SIDEWALK

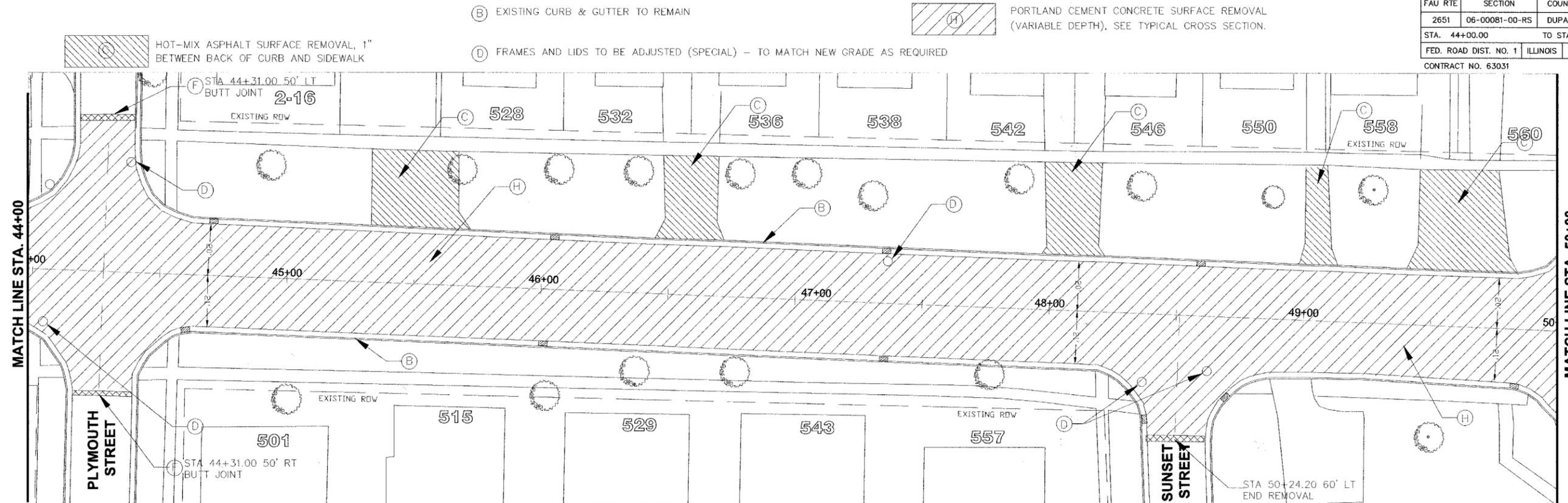
(H) PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH), SEE TYPICAL CROSS SECTION.

REVISIONS	
NAME	DATE
PER IDOT REVIEW	02/25/08

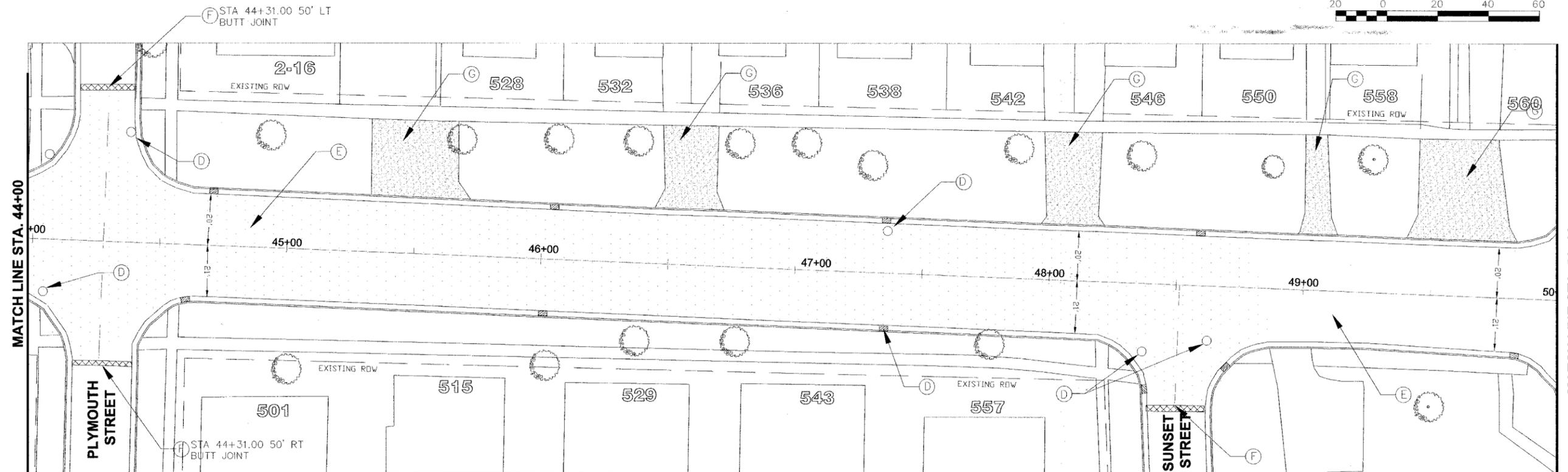
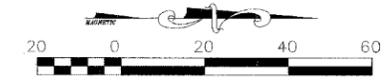
ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF VILLA PARK
**ARDMORE AVENUE RESURFACING
 DEVELOPMENT PLAN**
 STA 38+00 TO STA 44+00
 SCALE: 1" = 20'
 DATE: 12/28/07
 DRAWN BY: C.C.
 CHECKED BY: S.K.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2651	06-00081-00-RS	DUPAGE	13	5
STA. 44+00.00		TO STA. 50+00.00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63031



ARDMORE AVENUE - EXISTING CONDITIONS



ARDMORE AVENUE - PROPOSED IMPROVEMENTS

- (E)** RESURFACE PAVEMENT (STA 32+18.25 TO STA 43+65.00)
1" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
2" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70
RESURFACE PAVEMENT (STA 43+65.00 TO STA 54+42.00)
3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
2" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (F)** HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
- (G)** RESURFACE DRIVEWAY PAVEMENT
1" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50
MATCH WITH TOP OF CURB AND SIDEWALK

REVISIONS	
NAME	DATE
PER IDOT REVIEW	02/25/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF VILLA PARK
**ARDMORE AVENUE RESURFACING
DEVELOPMENT PLAN
STA 44+00 TO STA 50+00**

SCALE: 1" = 20'
DATE: 12/28/07

DRAWN BY: C.C.
CHECKED BY: S.K.

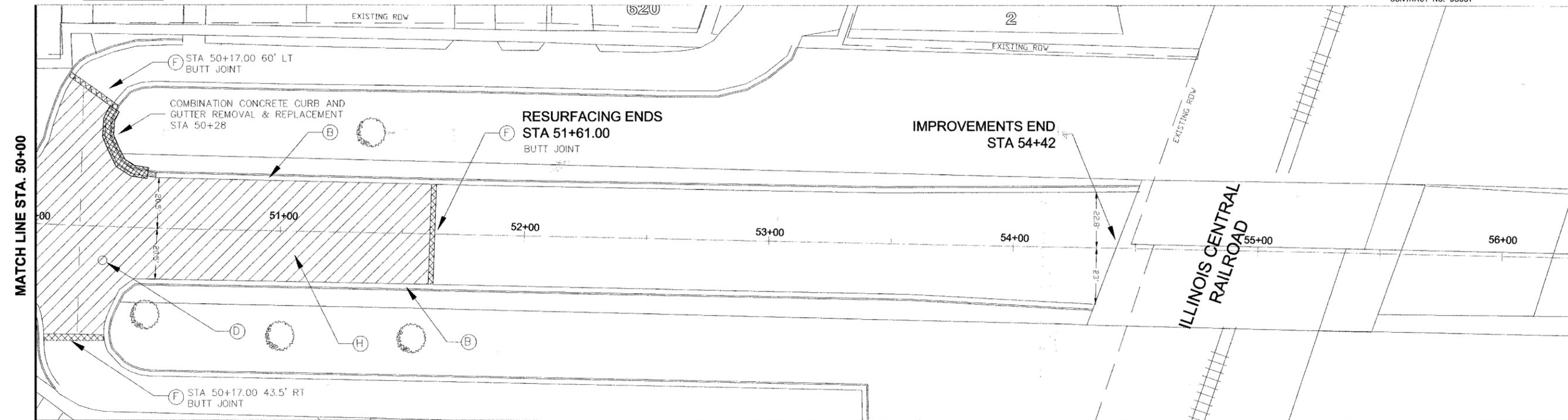
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2651	06-00081-00-RS	DUPAGE	13	6
STA. 50+00.00		TO STA. 54+42.00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63031				

(C) HOT-MIX ASPHALT SURFACE REMOVAL, 1" BETWEEN BACK OF CURB AND SIDEWALK

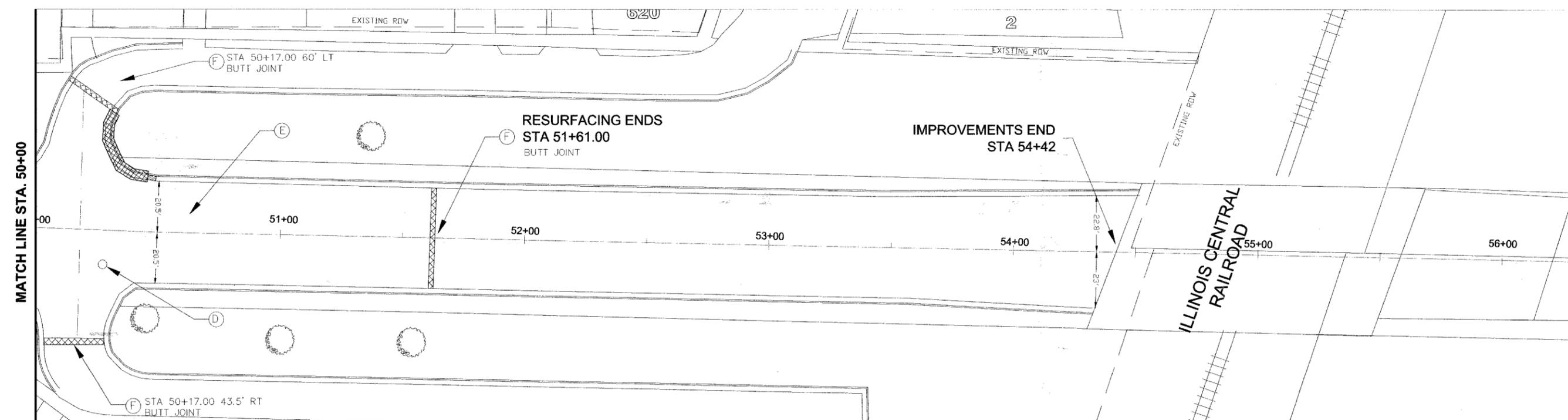
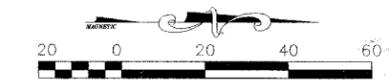
(B) EXISTING CURB & GUTTER TO REMAIN

(H) PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH), SEE TYPICAL CROSS SECTION.

(D) FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) -- TO MATCH NEW GRADE AS REQUIRED



ARDMORE AVENUE - EXISTING CONDITIONS



ARDMORE AVENUE - PROPOSED IMPROVEMENTS

(E) RESURFACE PAVEMENT (STA 32+18.25 TO STA 43+65.00)
 1" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
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 2" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70

(F) HOT-MIX ASPHALT SURFACE REMOVAL--BUTT JOINT

(G) RESURFACE DRIVEWAY PAVEMENT
 1" HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50
 MATCH WITH TOP OF CURB AND SIDEWALK

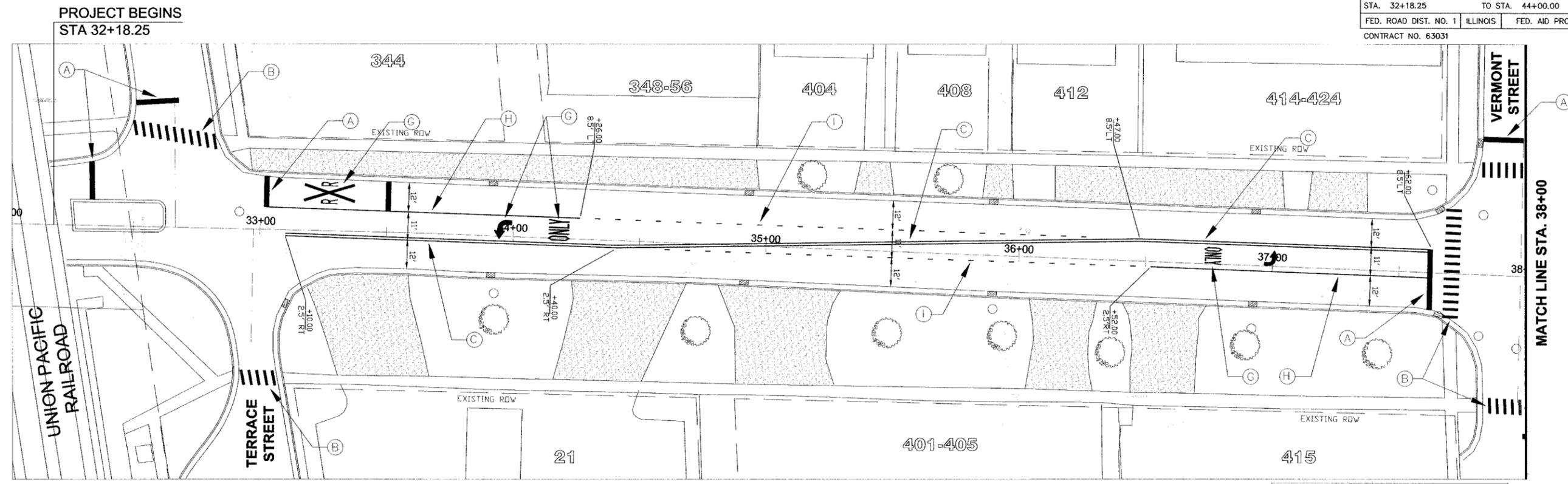
REVISIONS	
NAME	DATE
PER IDOT REVIEW	02/25/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF VILLA PARK
**ARDMORE AVENUE RESURFACING
 DEVELOPMENT PLAN**
 STA 50+00 to STA 54+42.00

SCALE: 1" = 20'
 DATE: 12/28/07

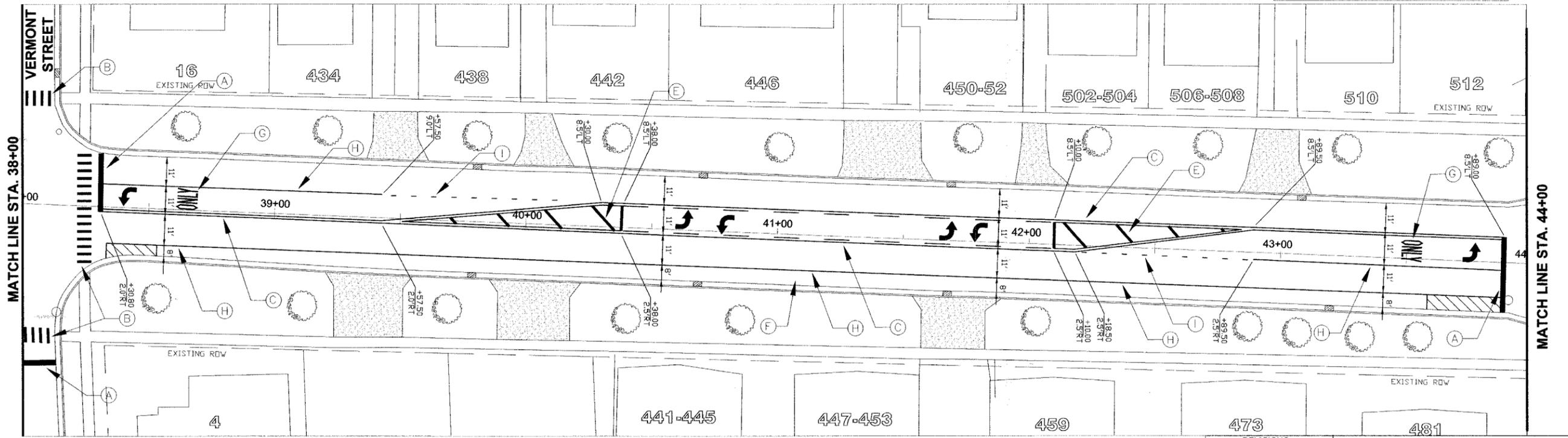
DRAWN BY: C.C.
 CHECKED BY: S.K.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2651	06-00081-00-RS	DUPAGE	13	7
STA. 32+18.25		TO STA. 44+00.00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63031				



ARDMORE AVENUE - PAVEMENT MARKING

NOTE: ALL DISTANCES ARE FROM EDGE OF PAVEMENT TO CENTER OF PROPOSED STRIPING.



ARDMORE AVENUE - PAVEMENT MARKING

LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" (WHITE; STOP BARS)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12" (WHITE; CROSSWALKS) - @ 3' C-C
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4" (DOUBLE YELLOW; CENTER LINE) - SOLID @ 11" C-C
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4" (YELLOW; CENTER LINE) - 10' LONG AT 30' INTERVALS
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12" (YELLOW) - @ 45 DEG, 15' C-C
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" (WHITE) - @ 45 DEG, 4' C-C
- (G) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS (WHITE), 8' LENGTH
- (H) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" (WHITE; LANE LINES) - SOLID
- (I) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" (WHITE; LANE LINES) - 2' DASH, 6' SKIP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF VILLA PARK

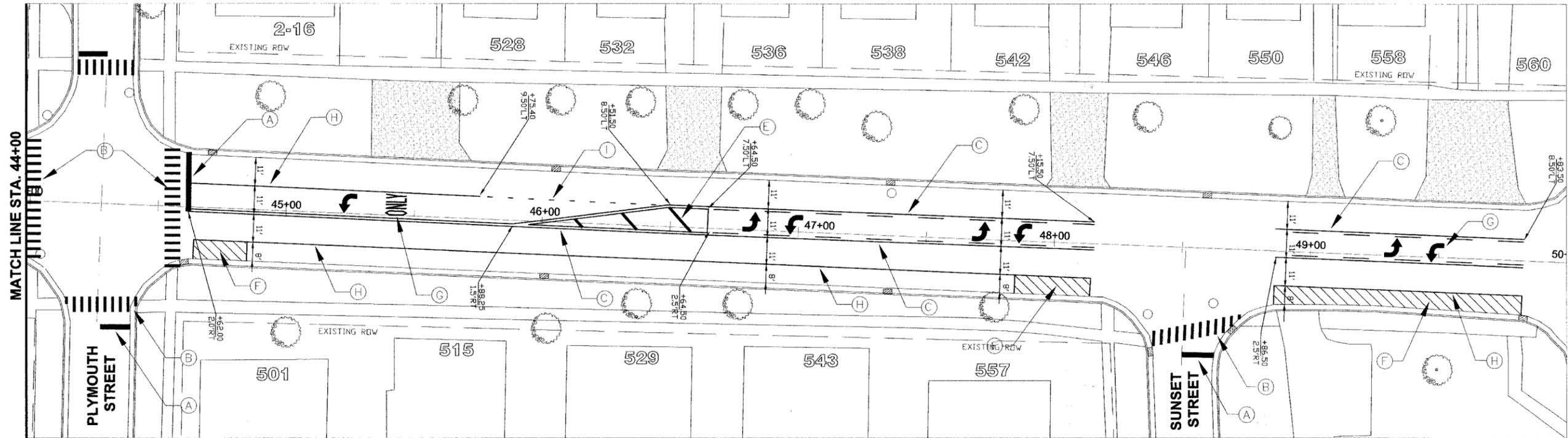
**ARDMORE AVENUE RESURFACING
PAVEMENT MARKING PLAN, SHEET 1
STA 32+18.25 to STA 44+00**

SCALE: 1" = 20'
DATE: 11/15/07

DRAWN BY: C.C.
CHECKED BY: S.K.

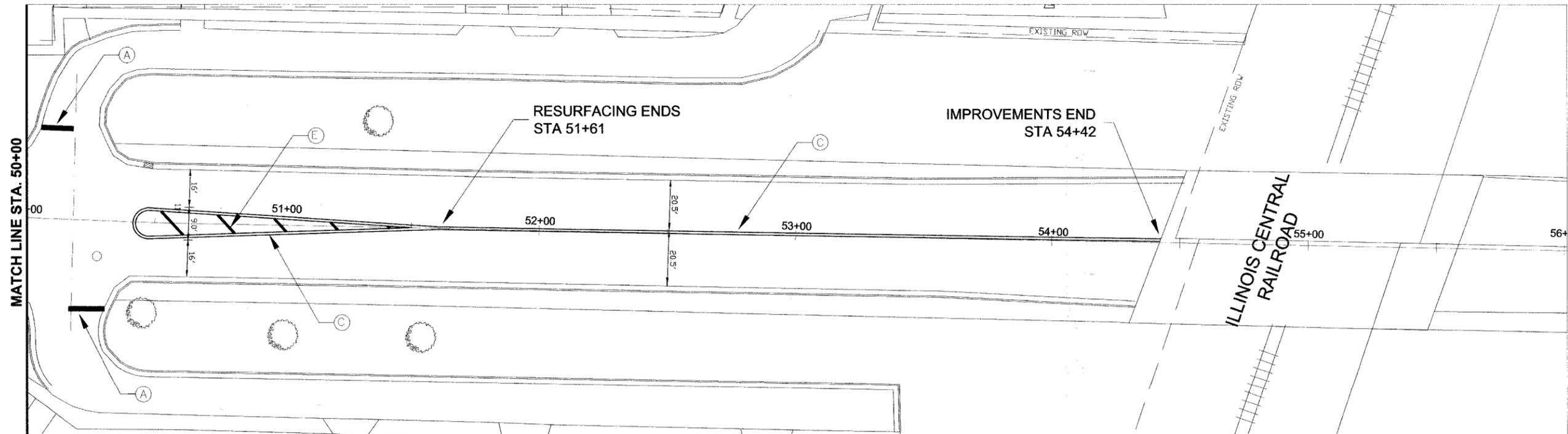
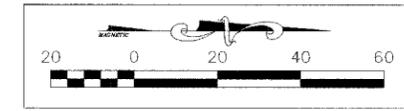
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2651	06-00081-00-RS	DUPAGE	13	8
STA. 44+00.00		TO STA. 54+42.00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63031



ARDMORE AVENUE - PAVEMENT MARKING

NOTE: ALL DISTANCES ARE FROM EDGE OF PAVEMENT TO CENTER OF PROPOSED STRIPING.



ARDMORE AVENUE - PAVEMENT MARKING

LEGEND

- | | |
|--|---|
| (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" (WHITE; STOP BARS) | (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" (WHITE) - @ 45 DEG; 4' C-C |
| (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12" (WHITE; CROSSWALKS) - @ 3' C-C | (G) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS (WHITE), 8' LENGTH |
| (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4" (DOUBLE YELLOW; CENTER LINE) - SOLID @ 11" C-C | (H) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" (WHITE; LANE LINES) - SOLID |
| (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4" (YELLOW; CENTER LINE) - 10' LONG AT 30' INTERVALS | (I) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" (WHITE; LANE LINES) - 2' DASH, 6' SKIP |
| (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12" (YELLOW) - @ 45 DEG, 15' C-C | |

REVISIONS	
NAME	DATE

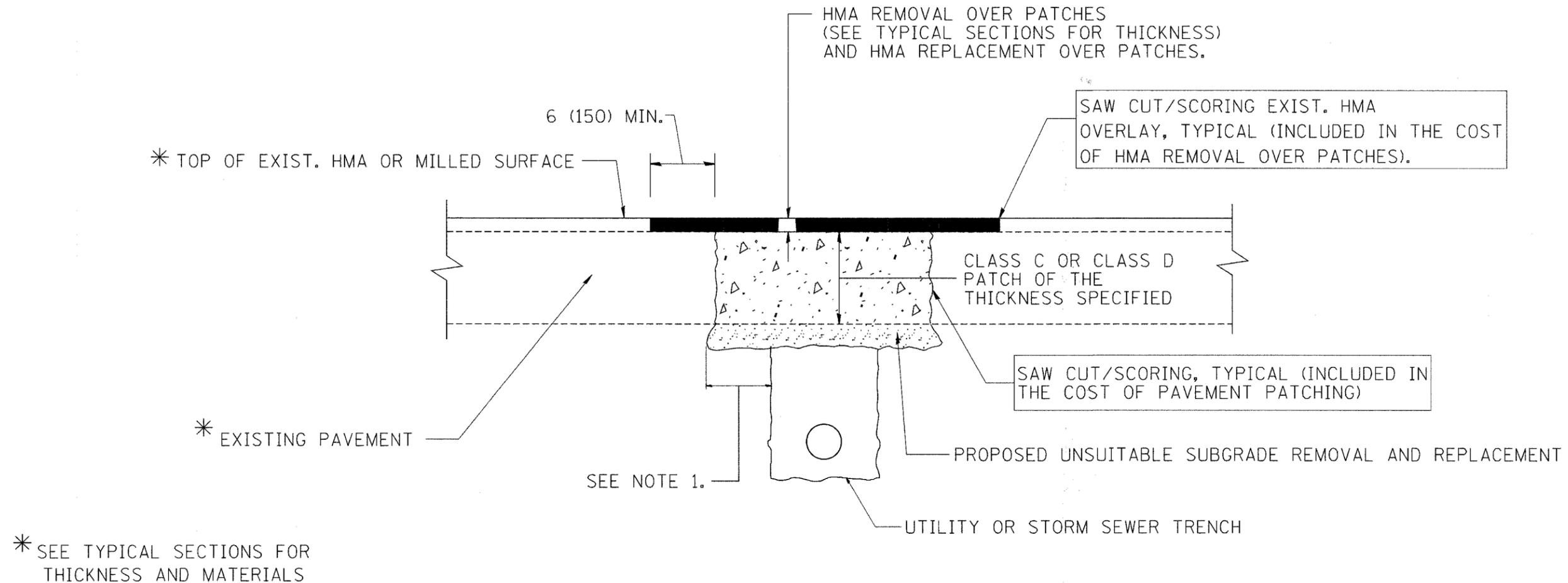
ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF VILLA PARK

**ARDMORE AVENUE RESURFACING
PAVEMENT MARKING PLAN, SHEET 2
STA 44+00 to STA 54+42.00**

SCALE: 1" = 20'
DATE: 11/15/07

DRAWN BY: C.C.
CHECKED BY: S.K.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2851	06-00081-00-RS	DUPAGE	13	9
STA. NONE		TO STA. NONE		
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

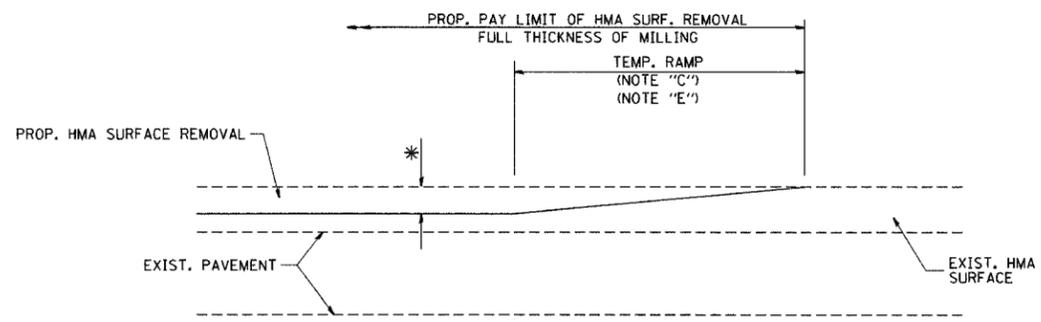
PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY

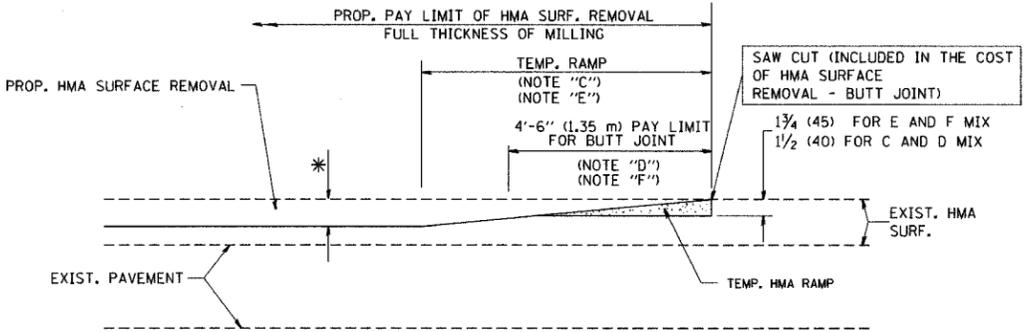
BD400-04 (BD-22)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2651	06-00081-00-RS	DUPAGE	13	10
STA.	NONE	TO STA.	NONE	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

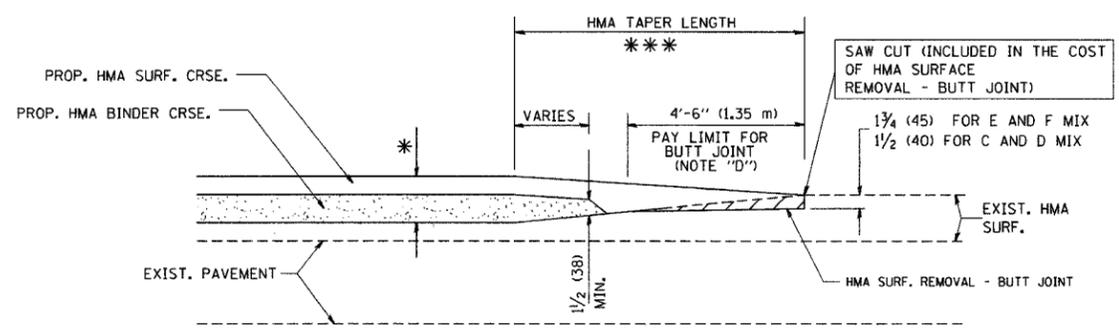
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

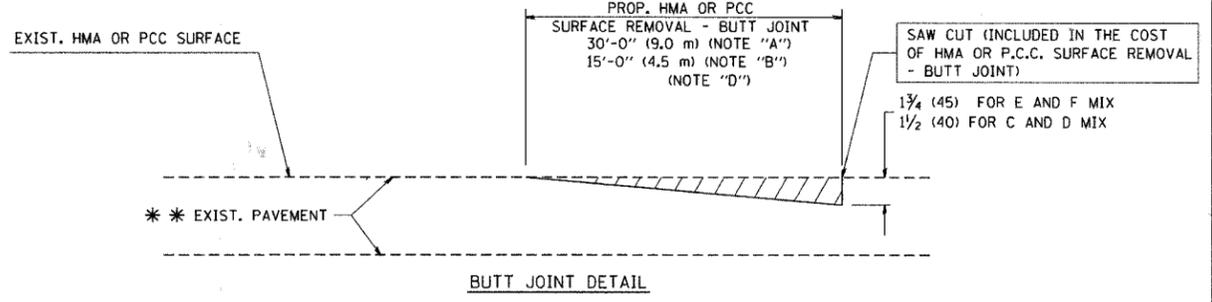
OPTION 2

TYPICAL TEMPORARY RAMP

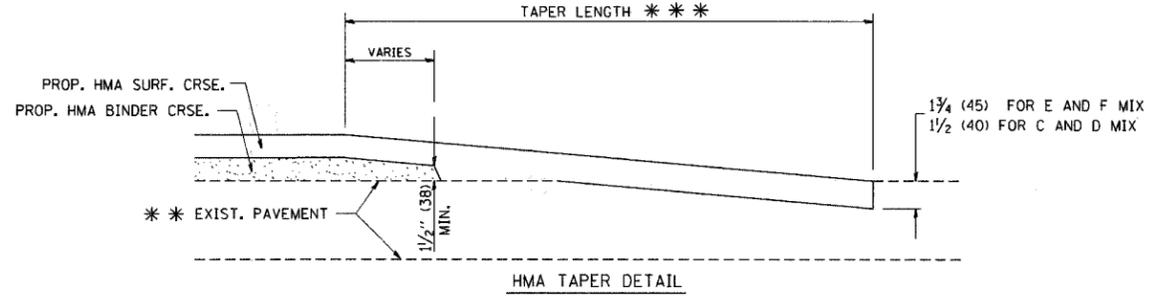


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

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	04/06/03
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

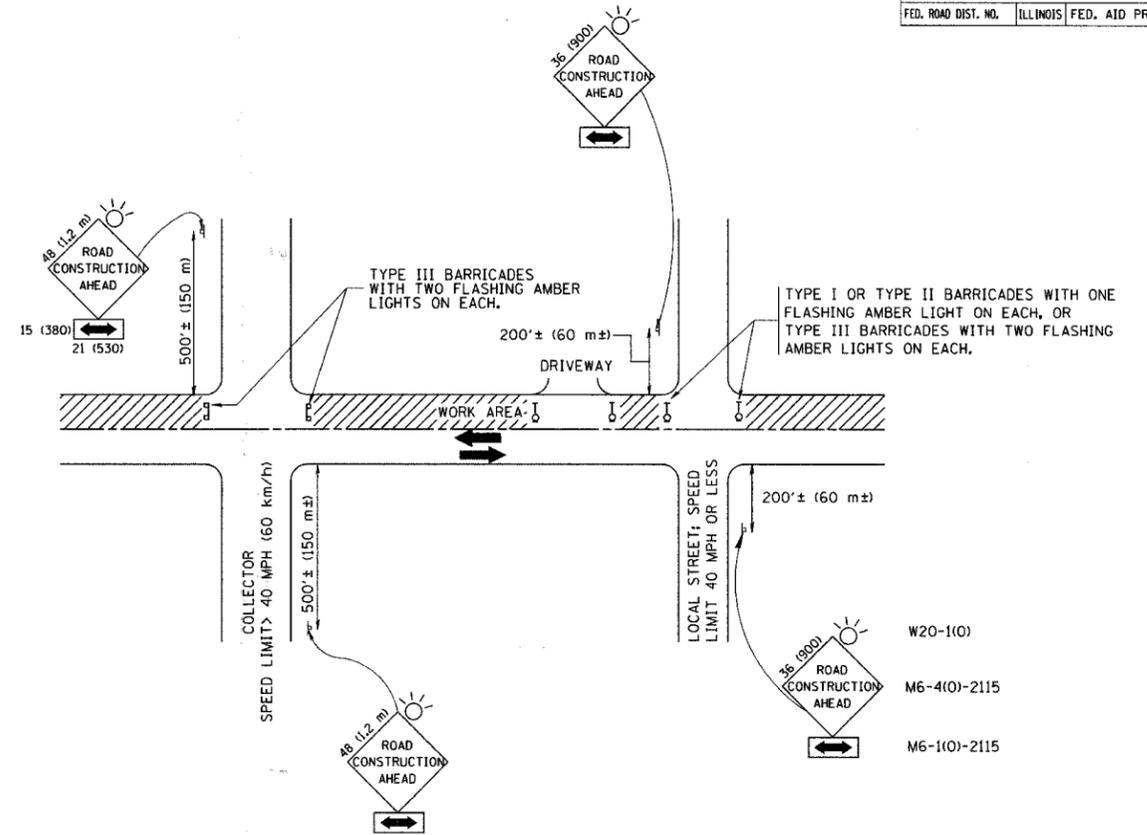
SCALE: VERT. NONE
HORIZ. NONE

DRAWN BY
CHECKED BY

BD400-05 (VI-BD32)

PLOT DATE = 3/5/2007
PLOT SCALE = 100/8000' / IN.
USER NAME = bauer-d

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2651	06-00081-00-RS	DUPAGE	13	11
STA.	NONE	TO STA.	NONE	
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 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

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

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

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

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

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: NONE

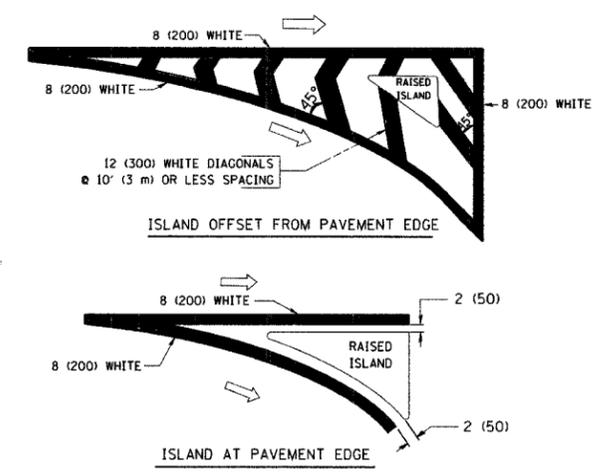
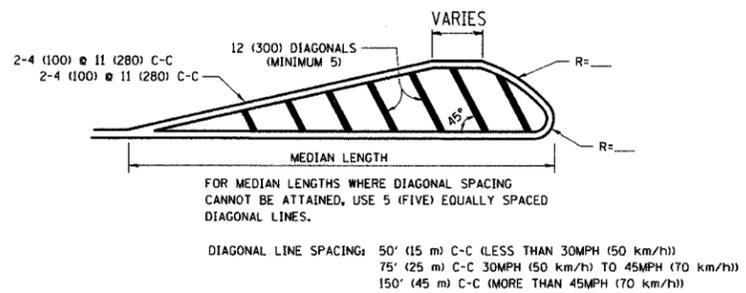
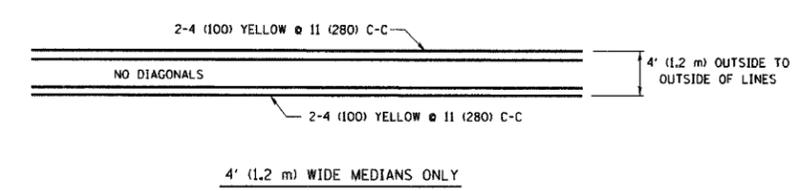
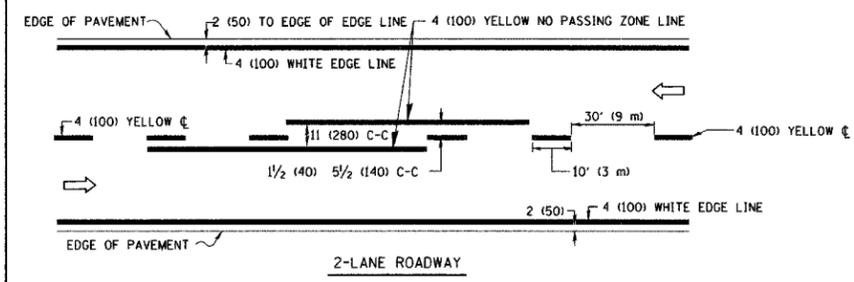
DRAWN BY

CHECKED BY

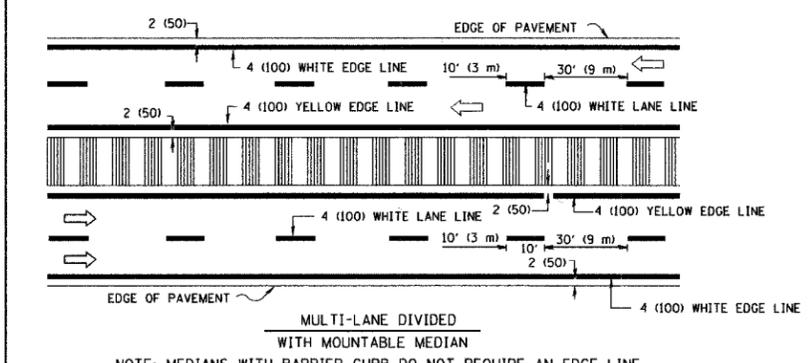
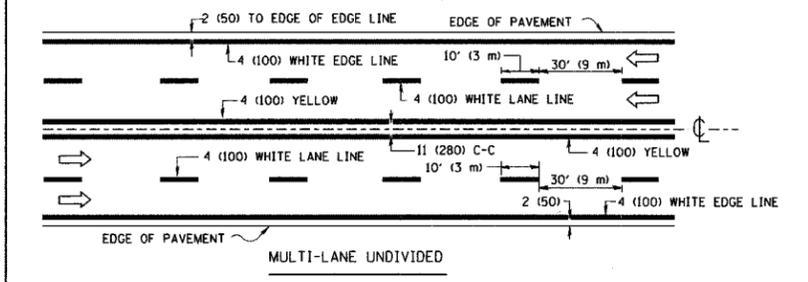
TC-10

PLOT DATE = 2/6/2007
 PLOT NAME = 2651-00081-00-RS-11.dgn
 PLOT SCALE = 3/8" = 1'-0"
 USER NAME = bward1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	NONE	TO STA.	NONE	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

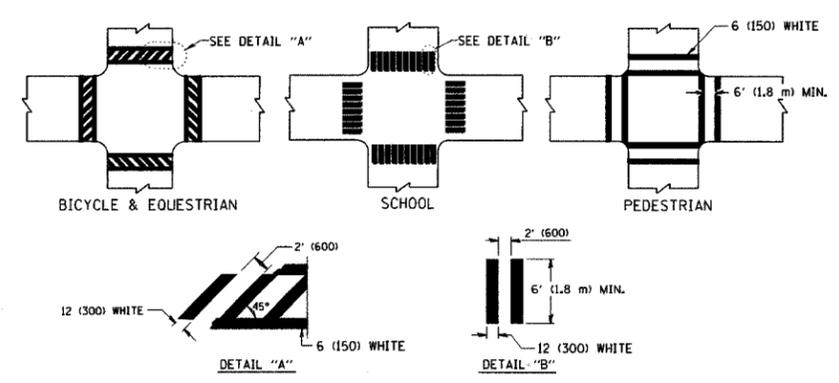


TYPICAL ISLAND MARKING

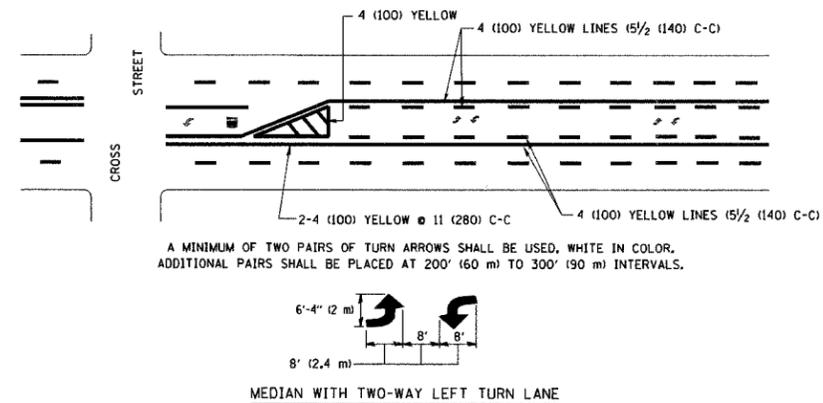


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

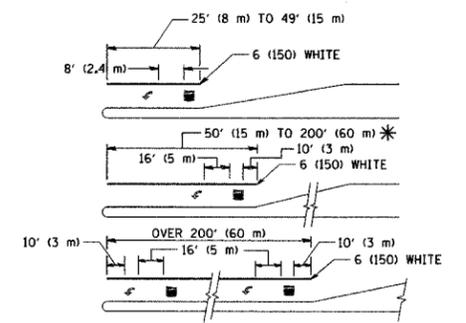


TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN 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.



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	5/2 (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) LINES 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; 5/2 (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) 2' (600) APART 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" 15' 6" (4.7 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30 MPH (50 km/h) TO 45MPH (70 km/h) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

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

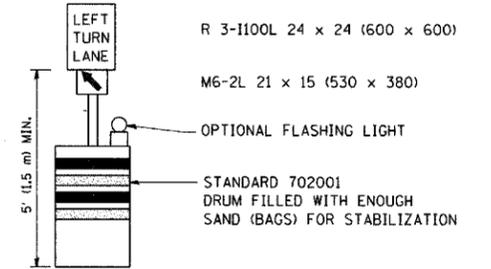
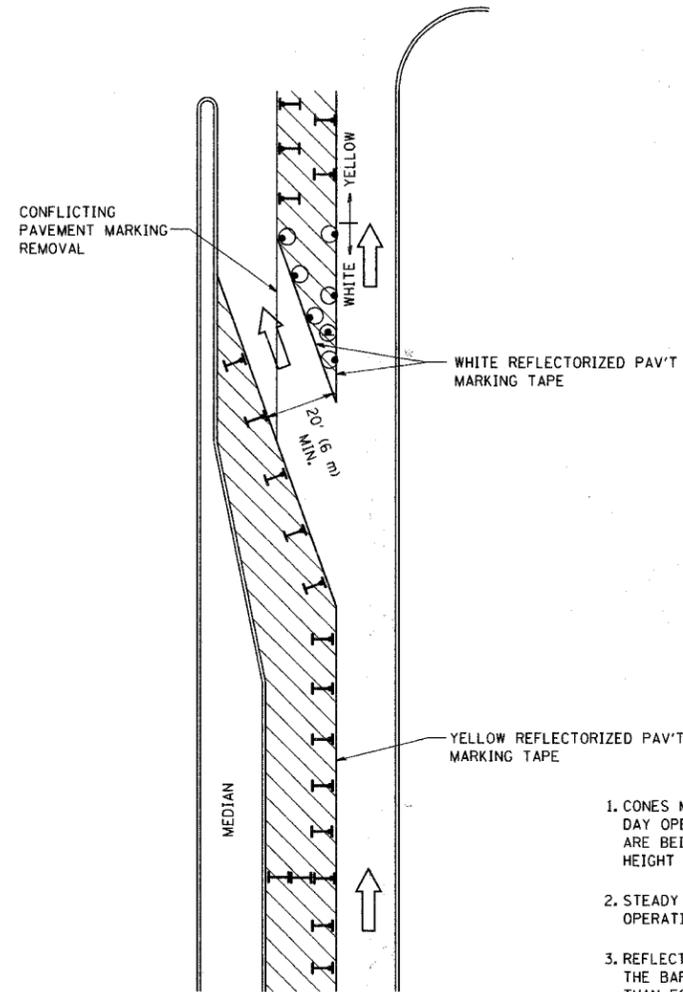
SCALE: NONE

DRAWN BY CADD

CHECKED BY

DATE = 2/6/2007
PLOT DATE = 2/6/2007
PLOT SCALE = 0.8000
USER NAME = bward

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2651	06-00081-00-RS	DUPAGE	13	13
STA. NONE		TO STA. NONE		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

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

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	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

DRAWN BY
 CHECKED BY LHA

PLOT DATE = 3/6/2007
 FILE NAME = K:\vistas\4\14\14.dgn
 PLOT SCALE = 86.0000 / 1 in.
 USER NAME = bouard