

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	1

06-00068-00-RS

GLOBETROTTERS ENGINEERING CORP.: CHANDRA S. TRIVEDI (312)697-3580

FEDERAL AID DESIGN ENGINEER: JESSICA FELICIANO (847) 705-4487

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY**
FAU RTE. 1681 (VILLAGE DRIVE & EDGEWATER DRIVE)
SECTION 06-00068-00-RS
CRAWFORD AVENUE TO 183rd STREET
LOCAL AGENCY PAVEMENT PRESERVATION - RESURFACING
PROJECT M-8003 (735)
COOK COUNTY
C-91-099 -07

INDEX OF SHEETS

SHEET NO.	SHEET NAME
1	COVER
2	GENERAL NOTES & LIST OF HIGHWAY STANDARDS
3	SUMMARY OF QUANTITIES
4-5	TYPICAL CROSS SECTIONS
6	TYPICAL CROSS SECTIONS DETAILS
7-8	EDGEWATER DRIVE PLANS
9	EDGEWATER DRIVE & VILLAGE DRIVE PLAN
10-18	VILLAGE DRIVE PLANS
19	BUTT JOINT AND HMA TAPER DETAIL, BD-32



LOCATION OF SECTION INDICATED THUS: - ■ -



Larry L. Sorenson
 LICENSE EXPIRATION DATE: 11/30/07

TRAFFIC DATA:

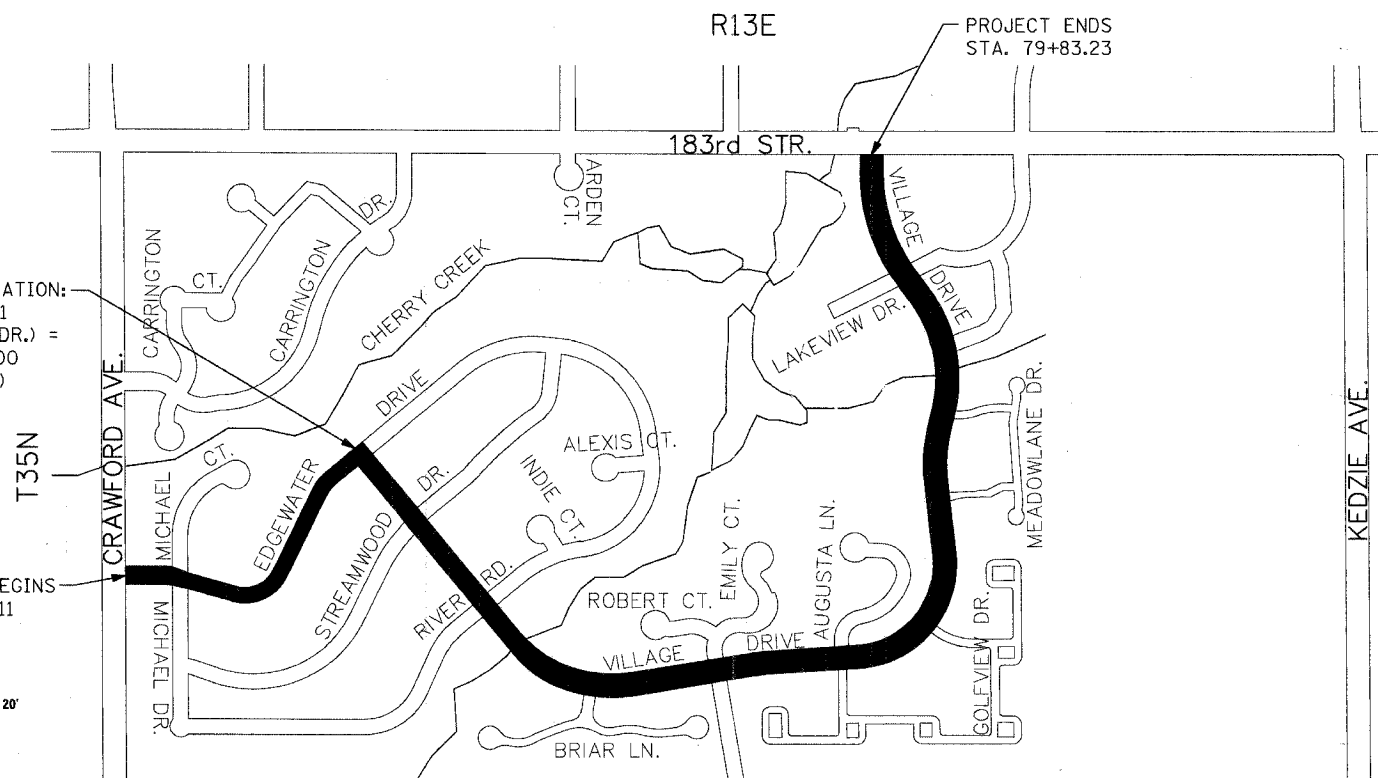
SPEED LIMIT ON VILLAGE DR. - 25 MPH
 SPEED LIMIT ON EDGEWATER DR. - 20 MPH

PROJECT LOCATED IN
 VILLAGE OF HAZEL CREST

STATION EQUATION:
 STA. 14+96.81
 (EDGEWATER DR.) =
 STA. 30+00.00
 (VILLAGE DR.)

PROJECT BEGINS
 STA. 1+66.11

R13E PROJECT ENDS
 STA. 79+83.23

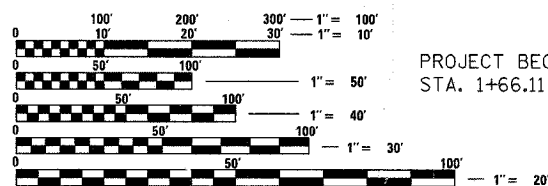


RICH TOWNSHIP

LOCATION MAP

N.T.S.

GROSS LENGTH OF PROJECT = 6,515.00 FT = 1.234 MILE
 NET LENGTH OF PROJECT = 6,345.00 FT = 1.202 MILE



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. 83907

AGENCY RESPONSIBLE FOR LETTING	
Approved	<u>March 19, 2007</u> DATE
	<u>[Signature]</u> Village Manager, Village of Hazel Crest SIGNATURE
Passed	<u>April 11, 2007</u> DATE
	<u>[Signature]</u> District #1 Engineer of Local Roads & Streets SIGNATURE
Releasing for Bid Based on Limited Review	<u>APRIL 12, 2007</u> DATE
	<u>[Signature]</u> Deputy Director of Highways, Region #1 Engineer SIGNATURE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	*	COOK	19	2
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS		
* 06-00068-00-RS				

LIST OF IDOT STANDARDS

STANDARD NO.	NAME OF STANDARD
000001-04	STANDARD SYMBOLS
424001-04	CURB RAMPS FOR SIDEWALKS
442201-02	CLASS C & D PATCHES
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	URBAN LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES

GENERAL NOTES:

1. THE TERM "VILLAGE" IS USED HEREIN IN REFERENCE TO NOTIFICATION(S) BY OR PERMIT(S)/PERMISSION(S) TO BE OBTAINED BY THE CONTRACTOR SHALL MEAN THE MUNICIPAL OFFICIAL DULY DESIGNATED BY THE VILLAGE BOARD FOR THE PURPOSE. THE CONTRACTOR SHALL CONTACT THE VILLAGE MANAGER'S OFFICE AT (708) 335-9600 TO GET THE NAME(S) AND CONTACT INFORMATION OF SUCH DESIGNATED OFFICIALS/STAFF.
2. IF AND WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED BY PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS OR CATCH BASINS, AND PROVIDE ADEQUATE FACILITIES TO TAKE IN ALL STORM WATER INCLUDING PUMPING AND A TEMPORARY OUTLET, IF NECESSARY. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
3. A MINIMUM OF TWO (2) WORKING DAYS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CONTACT JULIE (1-800-892-0123) TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES STAKED OR OTHERWISE MARKED AT THE SITE.
4. ALL UTILITIES AND THE ASSOCIATED DATA SHOWN ON THE PLANS ARE FROM THE AVAILABLE RECORDS AND REPRESENT THE BEST AVAILABLE INFORMATION. HOWEVER, THEIR ACCURACY OR COMPLETENESS IS NOT GUARANTEED. IT SHALL REMAIN THE CONTRACTOR'S RESPONSIBILITY TO CONTACT JULIE (1-800-892-0123) AND VARIOUS UTILITY FIRMS AND/OR ORGANIZATIONS HAVING FACILITIES AT THE SITE TO DETERMINE THEIR ACTUAL LOCATIONS, AND OTHER DETAILS, AND DETERMINE WHETHER THEY ARE IN CONFLICT WITH THE PROPOSED WORK. THE CONTRACTOR SHALL BRING ALL SUCH CONFLICTS TO THE ENGINEER'S ATTENTION AND SHALL NOT PROCEED WITH THE PORTION OF THE WORK IN CONFLICT UNTIL THE RESOLUTION OF THE CONFLICT(S) AND THE AUTHORIZATION TO PROCEED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT LIMITS, WHETHER OR NOT SUCH UTILITIES ARE SHOWN ON THE PLANS. ANY UTILITY DAMAGED DURING CONSTRUCTION, SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE RESPECTIVE UTILITY, BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COMPENSATION.
6. THE CONTRACTOR SHALL MAKE EVERY POSSIBLE EFFORT TO PREVENT CONSTRUCTION DEBRIS FROM ENTERING EXISTING MANHOLES, CATCH BASINS, INLETS OR DRAINAGE DITCHES. ANY SUCH DEBRIS, DETERMINED BY THE VILLAGE TO BE PRESENT IN SUCH STRUCTURES DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE PROMPTLY REMOVED AND DISPOSED OFF BY THE CONTRACTOR TO THE VILLAGE'S SATISFACTION AT NO ADDITIONAL COMPLENSATION.
7. ALL REMOVAL OF CURB AND GUTTER, SIDEWALK, DRIVEWAYS AND PAVEMENT ETC. SHALL BE BY SAWCUTTING TO ENSURE A CLEAN REMOVAL WITHOUT DAMAGING OR GAUGING THE PORTION(S) TO REMAIN. ALL SUCH DAMAGE OR GAUGING SHALL BE REPAIRED BY THE CONTRACTOR TO THE VILLAGE'S SATISFACTION WITHOUT ANY ADDITIONAL COMPESATION. THE SAWCUTTING SHALL NOT BE COMPENSATED FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE REMOVAL OF THE ITEM INVOLVED.
8. THE CONTRACTOR SHALL MAINTAIN AT ALL TIMES ADEQUATE ACCESS TO ALL PROPERTIES ADJACENT TO THE PROPOSED IMPROVEMENT. THE COST OF THIS WORK SHALL NOT BE COMPENSATED FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS REMOVAL ITEMS.
9. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROVISIONS FOR PEDESTRIAN TRAFFIC THROUGH THE CONSTRUCTION AREA AT ALL TIMES AND SEEK THE VILLAGE'S PERMISSION FOR ANY UNAVOIDABLE OBSTRUCTION(S) TO SUCH TRAFFIC.
10. LOCAL ACCESS ON ALL SECONDARY STREETS MUST BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR WHEN CONSTRUCTION IS NOT TAKING PLACE AT SUCH LOCATION. ALL TRAFFIC OBSTRUCTIONS TO SUCH STREETS SHALL BE REMOVED ON WEEKENDS, HOLIDAYS AND OVERNIGHT, UNLESS SPECIFICALLY AND EXPLICITLY PERMITTED BY THE VILLAGE.
11. REMOVAL AND STABILIZATION OF UNSTABLE MATERIAL:
THIS WORK, IF REQUIRED, SHALL BE DONE IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED POROUS GRANULAR EMBANKMENT, SUBGRADE INCLUDED IN THE CONTRACT, SUBJECT TO THE FOLLOWING:
"POROUS GRANULAR EMBANKMENT, SUBGRADE" (PGES) HAS BEEN PROVIDED FOR THE USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE MATERIAL IS NOT ENCOUNTERED AT THE SITE, THEN THE QUANTITY OF THIS ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO COMPENSATION FOR THIS ITEM WILL BE DUE TO THE CONTRACTOR.

PLOT DATE = 03/09/2007
 PLOT SCALE = 20.0000 / IN.
 SHEET SIZE = 36x24 (IN.)
 P:\projects\05726\002\C_Sheet\05726000_C002_General_Notes.dgn

CIVIL / STRUCTURAL ENGINEERS



GLOBETROTTERS INTERNATIONAL
 300 SOUTH WACKER DRIVE, SUITE 200
 CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07

MFT 06-00068-00-RS
 GENERAL NOTES
 HAZEL CREST, IL
 PROJECT NO. 05726

SCALE: VERT. NONE
 HORIZ. NONE
 DATE 03/09/2007
 DRAWN BY LS
 CHECKED BY CT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	*	COOK	19	3
STA.	N/A	TO STA.	N/A	
FED. ROAD DIST. NO.	ILLINOIS			
* 06-00068-00-RS				

SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY I000
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YDS	84
21101615	TOP SOIL FURNISH & PLACE, 4"	SQ YDS	15
25200200	SUPPLEMENTAL WATERING	UNIT	5
25200700	SODDING, SPECIAL	SQ YDS	15
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YDS	1,655
40603310	HOT-MIX ASPHALT, SURFACE COURSE, MIX "C", N50	TONS	2,735
42400200	PCC SIDEWALK 5"	SQ FT	150
42400800	DETECTABLE WARNINGS	SQ FT	16
44000154	HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/4"	SQ YDS	19,045
44000198	HOT-MIX ASPHALT SURFACE REM. - VARIABLE DEPTH	SQ YDS	4,195
44000600	SIDEWALK REMOVAL	SQ FT	150
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	FOOT	30
44201721	CLASS D PATCHES, TYPE III, 6"	SQ YDS	30
44201723	CLASS D PATCHES, TYPE IV, 6"	SQ YDS	970
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	2
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
* 70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	268
X0322052	ASPHALT REJUVENATING AGENT	GALLONS	3,735
X0324096	HOT IN-PLACE RECYCLING	SQ YDS	28,505

* DENOTES SPECIALTY ITEMS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYR
CLASS D PATCHES, TYPE III, 6-Inches (BINDER IL-19 mm)	PG 64-22 **	4% @ 70 GYR
CLASS D PATCHES, TYPE IV, 6-Inches (BINDER IL-19 mm)	PG 64-22 **	4% @ 70 GYR

NOTES:

- UNIT WEIGHT USED TO MEASURE ALL HOT-MIX ASPHALT SURFACE COURSE QUANTITY IS 112 LBS/SQ. YD./INCH
- ** WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

PLOT DATE = 03/09/2007
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 PLOT SCALE = 3/8" = 1'-0"
 SHEET SIZE = 36" x 48"

CIVIL / STRUCTURAL ENGINEERS



GLOBETROTTERS INTERNATIONAL,
 300 SOUTH WACKER DRIVE, SUITE 200
 CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07

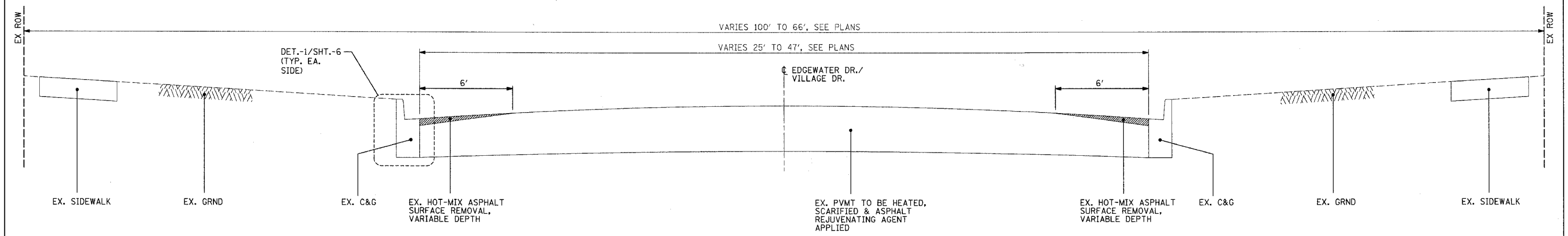
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 SUMMARY OF QUANTITIES

HAZEL CREST, IL
 PROJECT NO. 05726

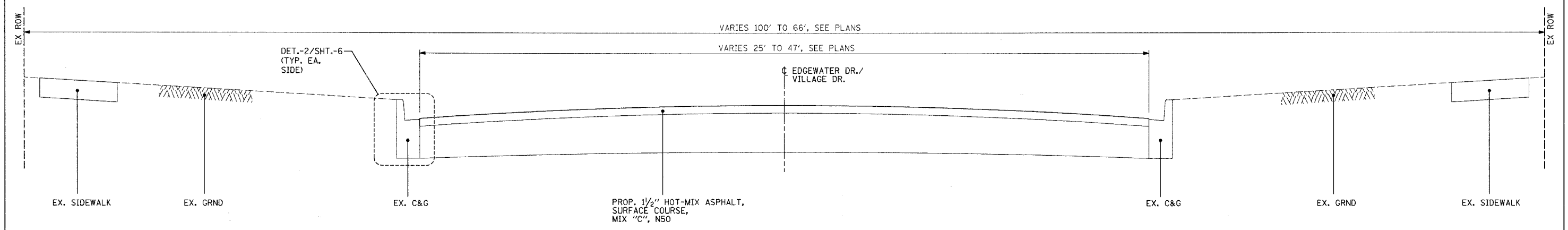
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 HORIZ. NONE
 DATE 03/09/2007

DRAWN BY LS
 CHECKED BY CT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	4
STA.	** TO STA. **			
FED. ROAD DIST. NO.	ILLINOIS			
• 06-00068-00-RS				
** STA 3+96.47 TO STA 15+59.27 @ EDGEWATER DR. AND STA 30+00 TO STA 42+80 @ VILLAGE DR.				



EXISTING TYP. X-SECTION
 EDGEWATER DR. (STA 3+10.19 TO STA 15+59.27)
 AND
 VILLAGE DR. (STA 30+00 TO STA 42+80)



PROPOSED TYP. X-SECTION
 EDGEWATER DR. (STA 3+10.19 TO STA 15+59.27)
 AND
 VILLAGE DR. (STA 30+00 TO STA 42+80)

PLOT DATE = 03/09/2007
 PLOT SCALE = 3/8\"/>

CIVIL / STRUCTURAL ENGINEERS

GLOBETROTTERS INTERNATIONAL.
 300 SOUTH WACKER DRIVE, SUITE 200
 CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
DDOT COMMENTS	02/14/07
DDOT COMMENTS	03/12/07

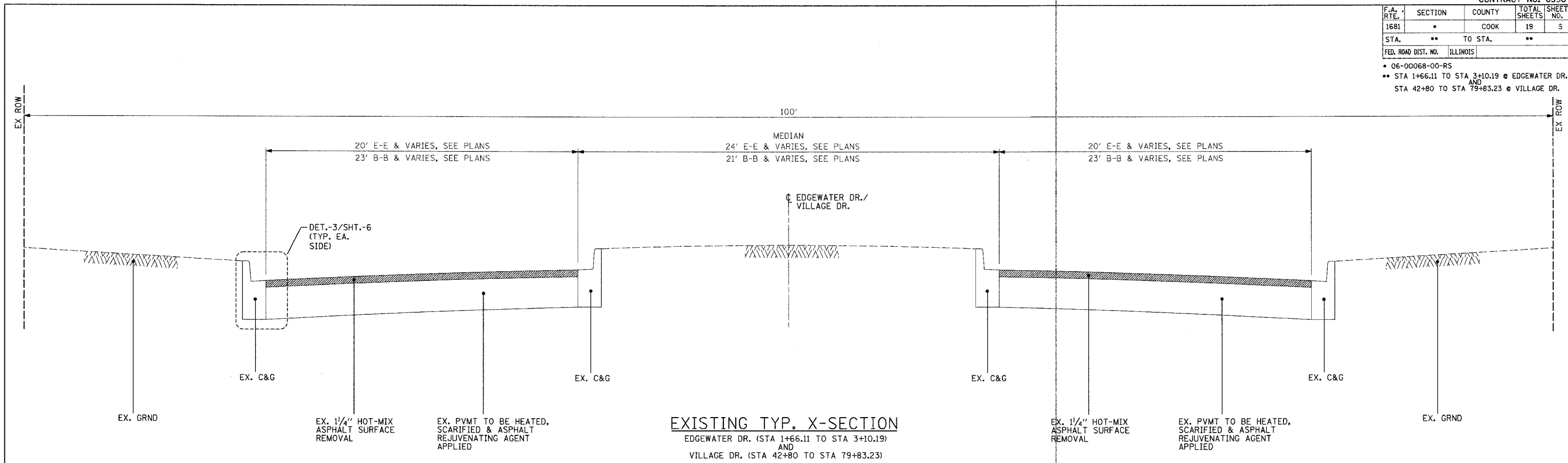
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 TYPICAL CROSS SECTIONS

HAZEL CREST, IL
 PROJECT NO. 05726

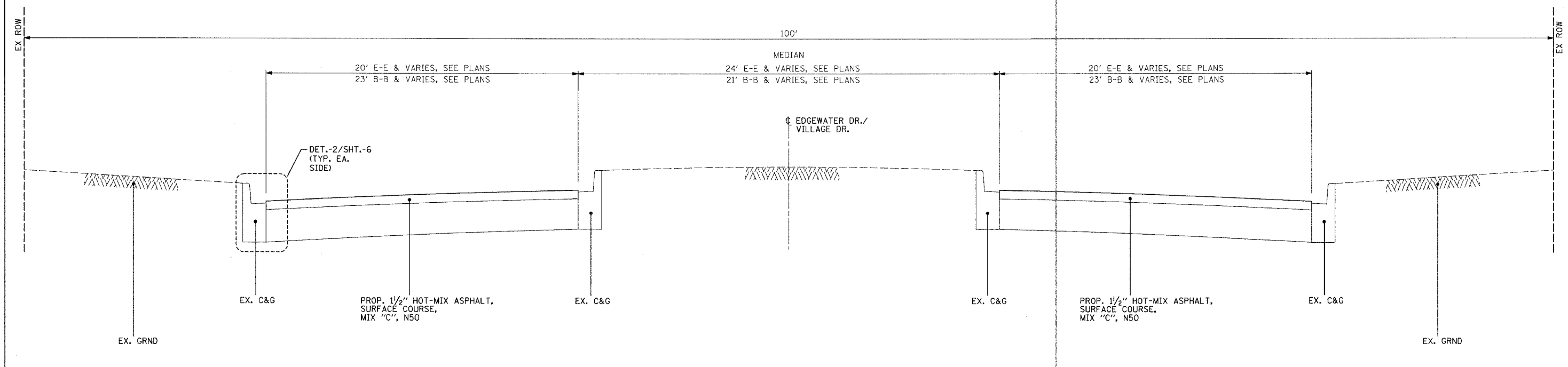
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 HORIZ. NONE
 DATE 03/09/2007

DRAWN BY LS
 CHECKED BY CT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	5
STA.	** TO STA.		**	
FED. ROAD DIST. NO.		ILLINOIS		
• 06-00068-00-RS				
•• STA 1+66.11 TO STA 3+10.19 @ EDGEWATER DR. AND				
STA 42+80 TO STA 79+83.23 @ VILLAGE DR.				



EXISTING TYP. X-SECTION
 EDGEWATER DR. (STA 1+66.11 TO STA 3+10.19)
 AND
 VILLAGE DR. (STA 42+80 TO STA 79+83.23)



PROPOSED TYP. X-SECTION
 EDGEWATER DR. (STA 1+66.11 TO STA 3+10.19)
 AND
 VILLAGE DR. (STA 42+80 TO STA 79+83.23)


REVISIONS	
NAME	DATE
DDOT COMMENTS	02/14/07
DDOT COMMENTS	03/12/07

MFT 06-00068-00-RS
 TYPICAL CROSS SECTION
 & TYPICAL DETAIL
 HAZEL CREST, IL
 PROJECT NO. 05726

SCALE: VERT. NONE
 HORIZ. NONE
 DATE 03/09/2007

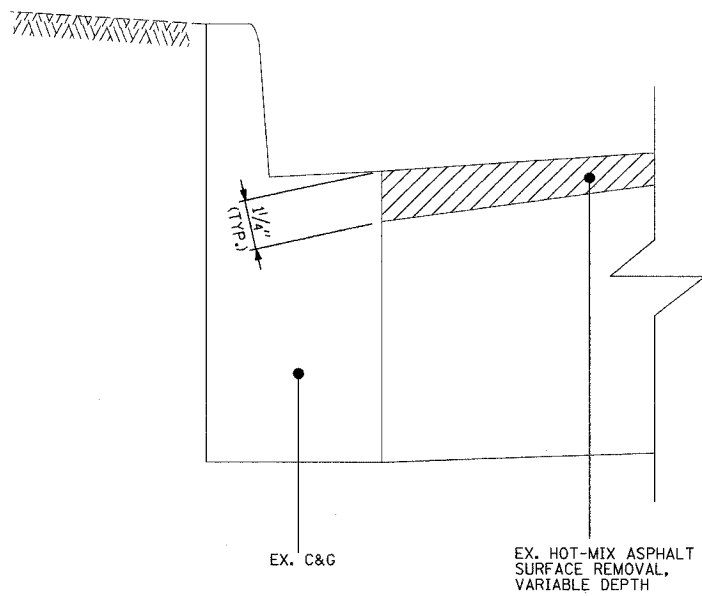
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CIVIL / STRUCTURAL ENGINEERS

 **GLOBETROTTERS INTERNATIONAL.**
 300 SOUTH WACKER DRIVE, SUITE 200
 CHICAGO, IL, 60606

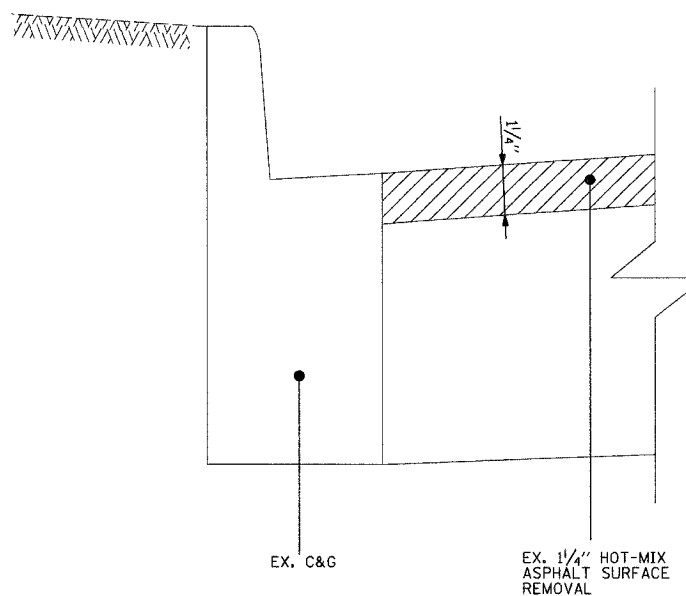
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 SHEET SIZE = 36"x24" (IN)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	*	COOK	19	6
STA.	N/A	TO STA.	N/A	
FED. ROAD DIST. NO.	ILLINOIS			
• 06-00068-00-RS				



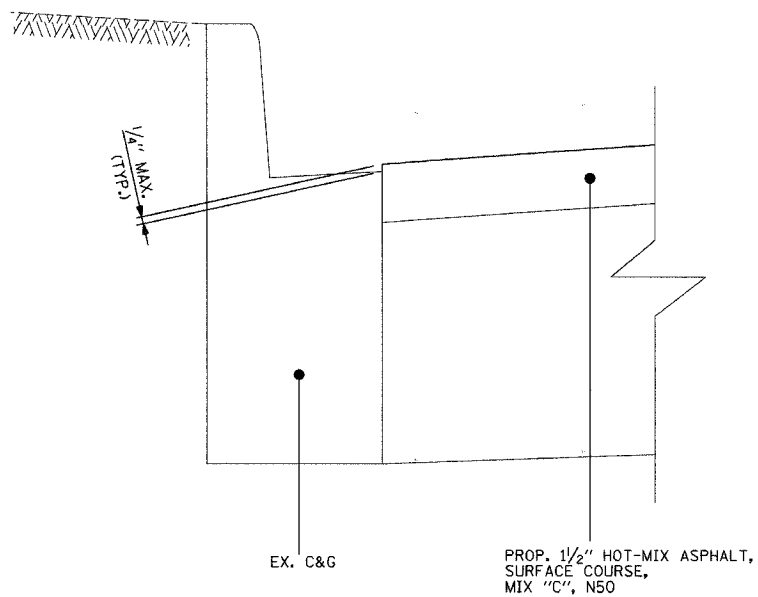
EX. C&G
EX. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

DETAIL-1



EX. C&G
EX. 1/4" HOT-MIX ASPHALT SURFACE REMOVAL

DETAIL-3



EX. C&G
PROP. 1/2" HOT-MIX ASPHALT, SURFACE COURSE, MIX "C", N50

DETAIL-2

PLOT DATE = 03/09/2007
PLOT SCALE = 3/8" = 1'-0"
SHEET SIZE = 36x24 (IN)

CIVIL / STRUCTURAL ENGINEERS



GLOBETROTTERS INTERNATIONAL.
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

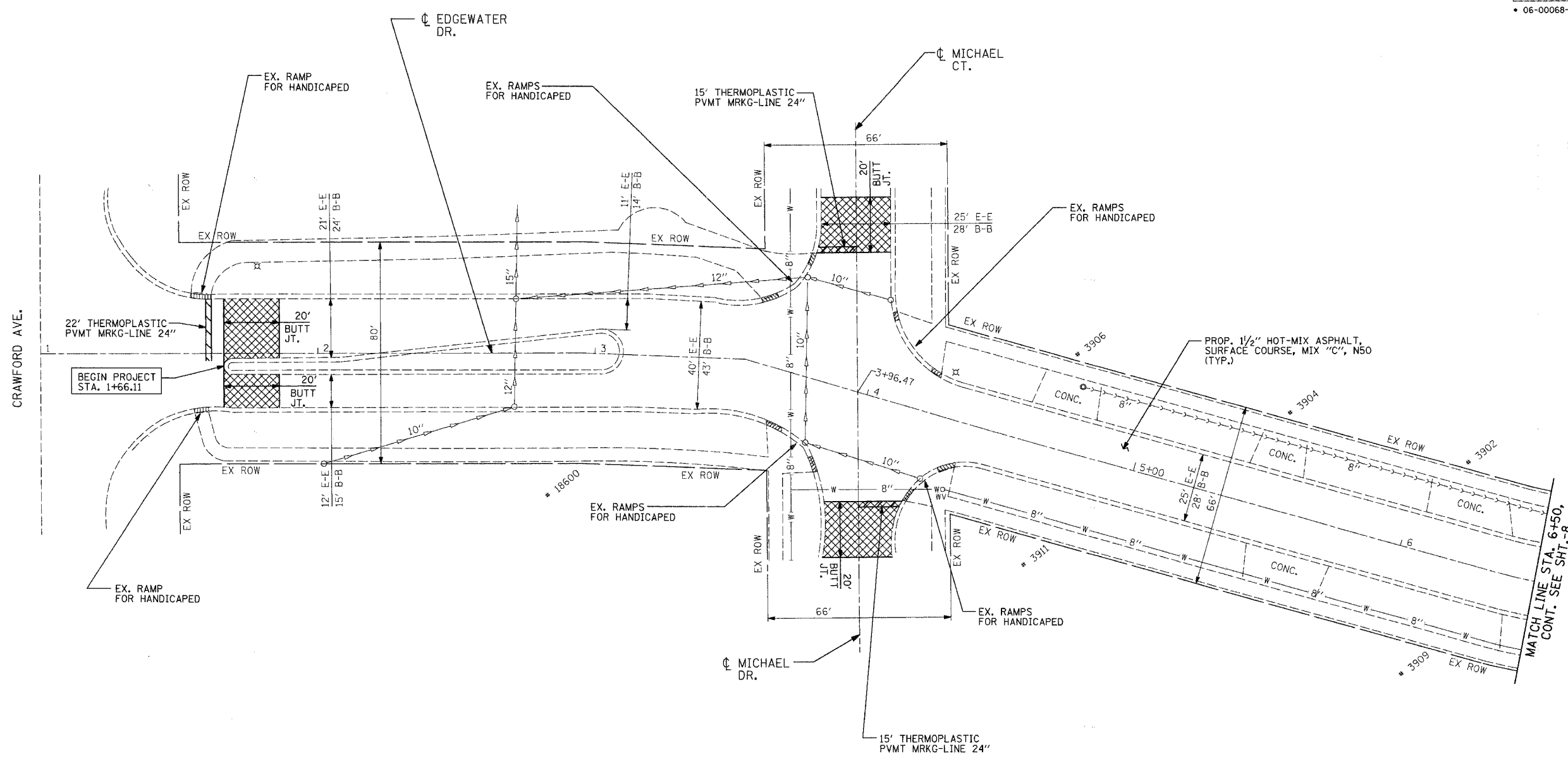
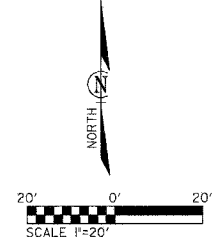
REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07

MFT 06-00068-00-RS
TYPICAL CROSS SECTION
DETAILS
HAZEL CREST, IL
PROJECT NO. 05726

SCALE: VERT. NONE
HORIZ. NONE
DATE 03/09/2007

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CHECKED BY CT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	7
STA. 01+00.00		TO STA. 06+50.00		
FED. ROAD DIST. NO.		ILLINOIS		
• 06-00068-00-RS				



EXISTING LEGEND:

—>—>—>	- STORM SEWER	wvo	- WATER VALVE
->->->->	- SANITARY SEWER	vvv	- VALVE VAULT
—W—	- WATER LINE	⊕	- FIRE HYDRANT
—G—	- GAS LINE	gvo	- GAS VALVE
—T—	- TELEPHONE LINE	□	- GAS VAULT
—E—	- COMED LINE	⊕	- LIGHT POLE
—CTV—	- CABLE LINE	⊕	- POWER POLE
○	- CATCH BASIN	↑	- GUY
●	- MANHOLE		
■	- INLET		

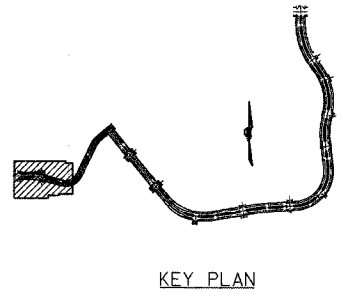
NOTE:
THE REPLACEMENT CURB & GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 606 OF THE STANDARD SPECIFICATIONS, CONFORM WITH IDOT HIGHWAY STANDARD #606001, AND BE OF THE TYPE AND DIMENSIONS OF THAT EXISTING AT EACH LOCATION, EXCEPT THAT A DEPRESSED CURB SECTION SHALL BE CONSTRUCTED AT SIDEWALK.

CIVIL / STRUCTURAL ENGINEERS
GLOBETROTTERS INTERNATIONAL.
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

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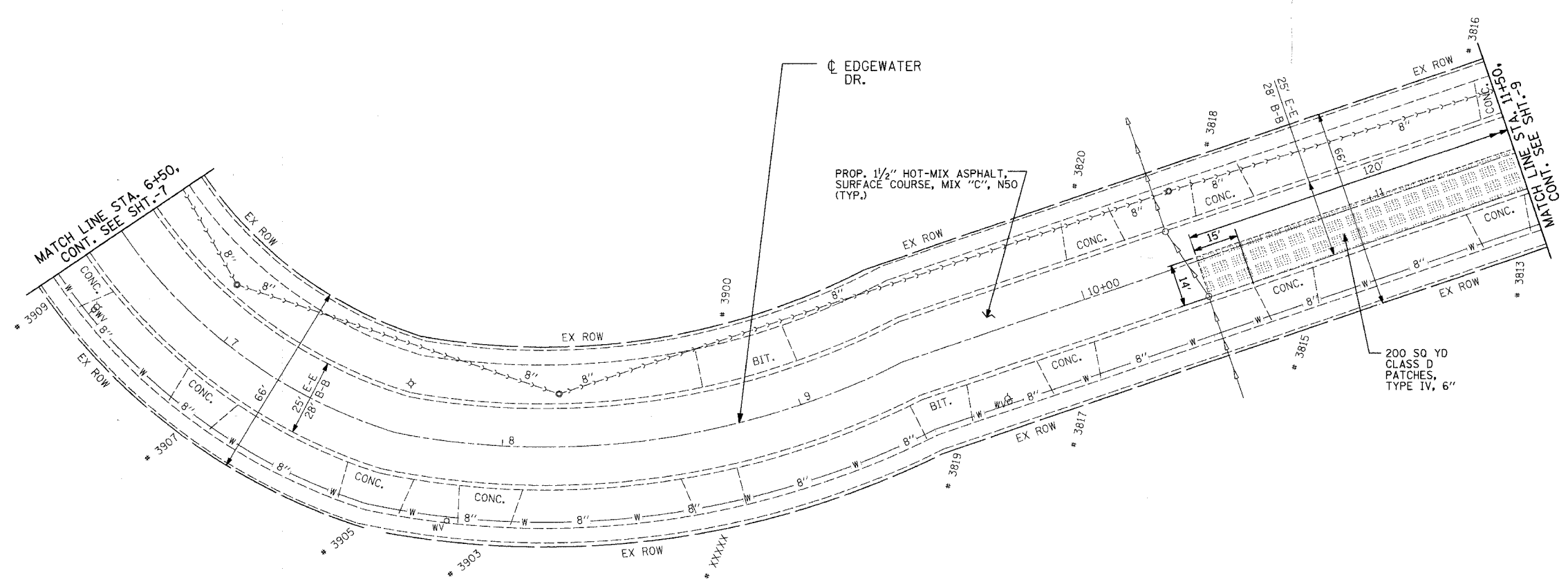
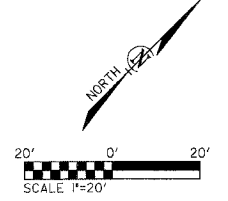
MFT 06-00068-00-RS
EDGEWATER DRIVE
CRAWFORD AVE. TO VILLAGE DR.
HAZEL CREST, IL
PROJECT NO. 05726

SCALE: VERT. NONE
HORIZ. 1" = 20'
DATE 03/09/2007
DRAWN BY LS
CHECKED BY CT



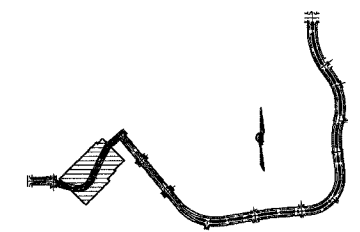
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 PLOT SCALE = 1/8" = 1'-0"
 PLOT SCALE = 1/8" = 1'-0"
 SHEET SIZE = 36x24 (IN)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	8
STA. 06+50.00		TO STA. 11+50.00		
FED. ROAD DIST. NO.		ILLINOIS		
• 06-00068-00-RS				



EXISTING LEGEND:

- | | | | |
|--------|----------------|-----|----------------|
| —>—>—> | STORM SEWER | wvo | - WATER VALVE |
| ->->-> | SANITARY SEWER | vv | - VALVE VAULT |
| —W— | WATER LINE | ⊕ | - FIRE HYDRANT |
| —G— | GAS LINE | gv | - GAS VALVE |
| —T— | TELEPHONE LINE | □ | - GAS VAULT |
| —E— | COMED LINE | ⊗ | - LIGHT POLE |
| —CTV— | CABLE LINE | ⊕ | - POWER POLE |
| ○ | - CATCH BASIN | ↑ | - GUY |
| ○ | - MANHOLE | | |
| = | - INLET | | |



KEY PLAN

CIVIL / STRUCTURAL ENGINEERS



GLOBETROTTERS INTERNATIONAL.
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
DOT COMMENTS	02/14/07
DOT COMMENTS	03/12/07

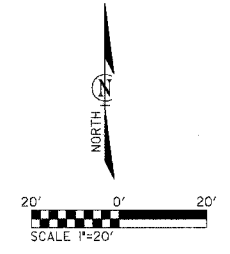
MFT 06-00068-00-RS
EDGEWATER DRIVE
CRAWFORD AVE. TO VILLAGE DR.
HAZEL CREST, IL
PROJECT NO. 05726

SCALE: VERT. NONE
HORIZ. 1" = 20'
DATE 03/09/2007

DRAWN BY LS
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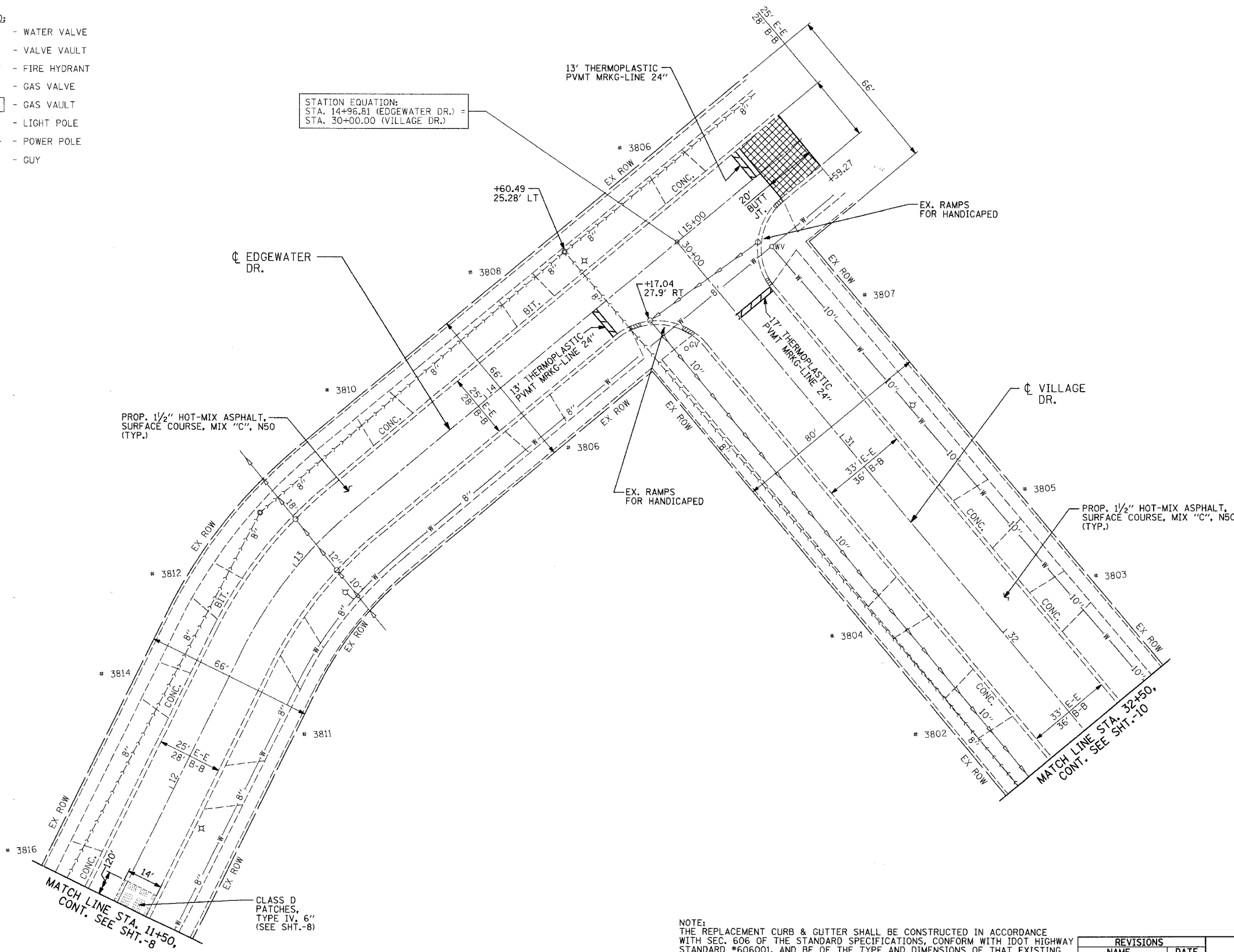
PLOT DATE = 03/09/2007
PLOT SCALE = 20.0000
PLOT SIZE = 36x24 (IN)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	9
STA.	**	TO STA.	**	**
FED. ROAD DIST. NO. ILLINOIS				
* 06-00068-00-RS				
** 11+50.00 TO 15+59.27 @ EDGEWATER DR. 30+00.00 TO 32+50.00 @ VILLAGE DR.				



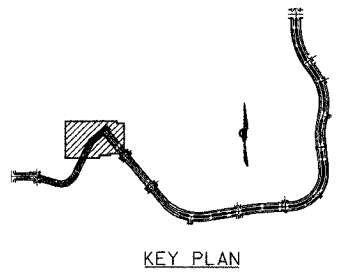
- EXISTING LEGEND:**
- - - - - STORM SEWER
 - - - - - SANITARY SEWER
 - - - - - WATER LINE
 - - - - - GAS LINE
 - - - - - TELEPHONE LINE
 - - - - - COMED LINE
 - - - - - CABLE LINE
 - o - CATCH BASIN
 - o - MANHOLE
 - = - INLET
 - wv - WATER VALVE
 - vv - VALVE VAULT
 - ∩ - FIRE HYDRANT
 - gv - GAS VALVE
 - - GAS VAULT
 - ⊕ - LIGHT POLE
 - ⊕ - POWER POLE
 - ↑ - GUY


STATION EQUATION:
STA. 14+96.81 (EDGEWATER DR.) =
STA. 30+00.00 (VILLAGE DR.)



NOTE:
THE REPLACEMENT CURB & GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 606 OF THE STANDARD SPECIFICATIONS, CONFORM WITH IDOT HIGHWAY STANDARD #606001, AND BE OF THE TYPE AND DIMENSIONS OF THAT EXISTING AT EACH LOCATION, EXCEPT THAT A DEPRESSED CURB SECTION SHALL BE CONSTRUCTED AT SIDEWALK.

REVISIONS	
NAME	DATE
DOT COMMENTS	02/14/07
DOT COMMENTS	03/12/07

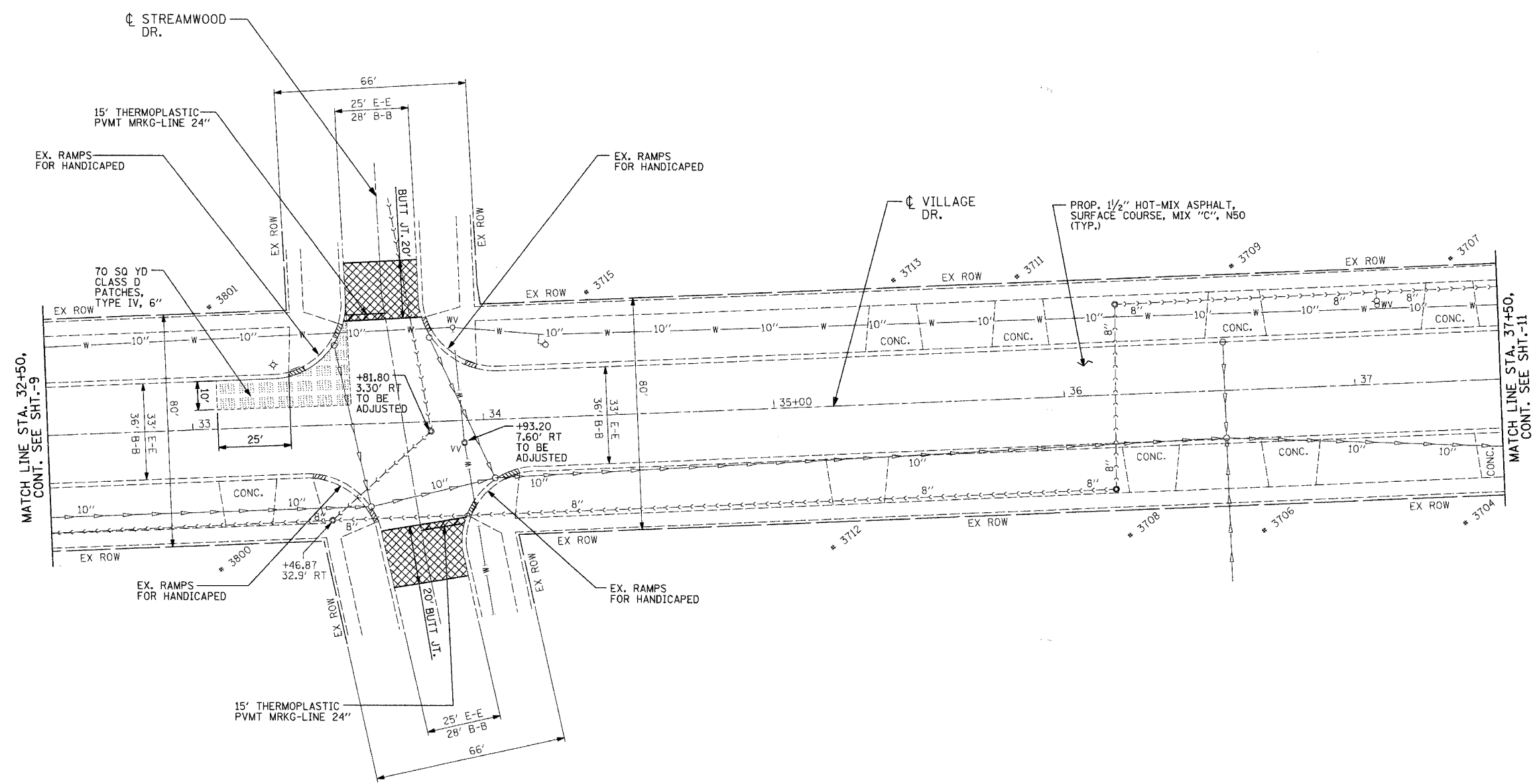
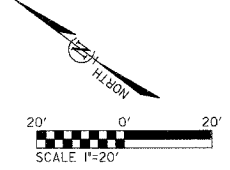


CIVIL / STRUCTURAL ENGINEERS

GLOBETROTTERS INTERNATIONAL
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

MFT 06-00068-00-RS
EDGEWATER DRIVE
CRAWFORD AVE. TO VILLAGE DR. &
VILLAGE DRIVE
EDGEWATER DR. TO 183rd STR.
HAZEL CREST, IL
PROJECT NO. 05726
SCALE: VERT. NONE
HORIZ. 1" = 20'
DATE 03/09/2007
DRAWN BY LS
CHECKED BY CT

PLOT DATE = 03/09/2007
 PLOT SCALE = 28.00000 / IN.
 SHEET SIZE = 36x24 (IN)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	10
STA. 32+50.00		TO STA. 37+50.00		
FED. ROAD DIST. NO.		ILLINOIS		
• 06-00068-00-RS				



MATCH LINE STA. 32+50.00
CONT. SEE SHT.-9

MATCH LINE STA. 37+50.00
CONT. SEE SHT.-11

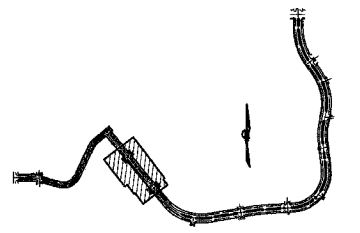
EXISTING LEGEND:

—○—	- STORM SEWER	WVO	- WATER VALVE
->->->	- SANITARY SEWER	VVO	- VALVE VAULT
—W—	- WATER LINE	⊕	- FIRE HYDRANT
—G—	- GAS LINE	GV	- GAS VALVE
—T—	- TELEPHONE LINE	□	- GAS VAULT
—E—	- COMED LINE	⊗	- LIGHT POLE
—CTV—	- CABLE LINE	⊕	- POWER POLE
○	- CATCH BASIN	↑	- GUY
●	- MANHOLE		
■	- INLET		

NOTE:
THE REPLACEMENT CURB & GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 606 OF THE STANDARD SPECIFICATIONS, CONFORM WITH IDOT HIGHWAY STANDARD *606001, AND BE OF THE TYPE AND DIMENSIONS OF THAT EXISTING AT EACH LOCATION, EXCEPT THAT A DEPRESSED CURB SECTION SHALL BE CONSTRUCTED AT SIDEWALK.

CIVIL / STRUCTURAL ENGINEERS
GLOBETROTTERS INTERNATIONAL.
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07

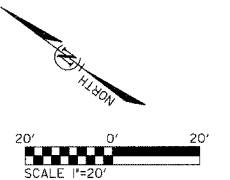


KEY PLAN
MFT 06-00068-00-RS
VILLAGE DRIVE
EDGEWATER DR. TO 183rd STR.
HAZEL CREST, IL
PROJECT NO. 05726

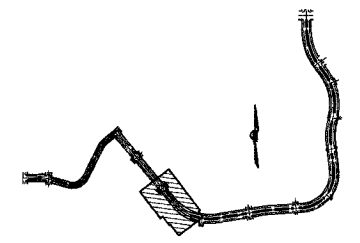
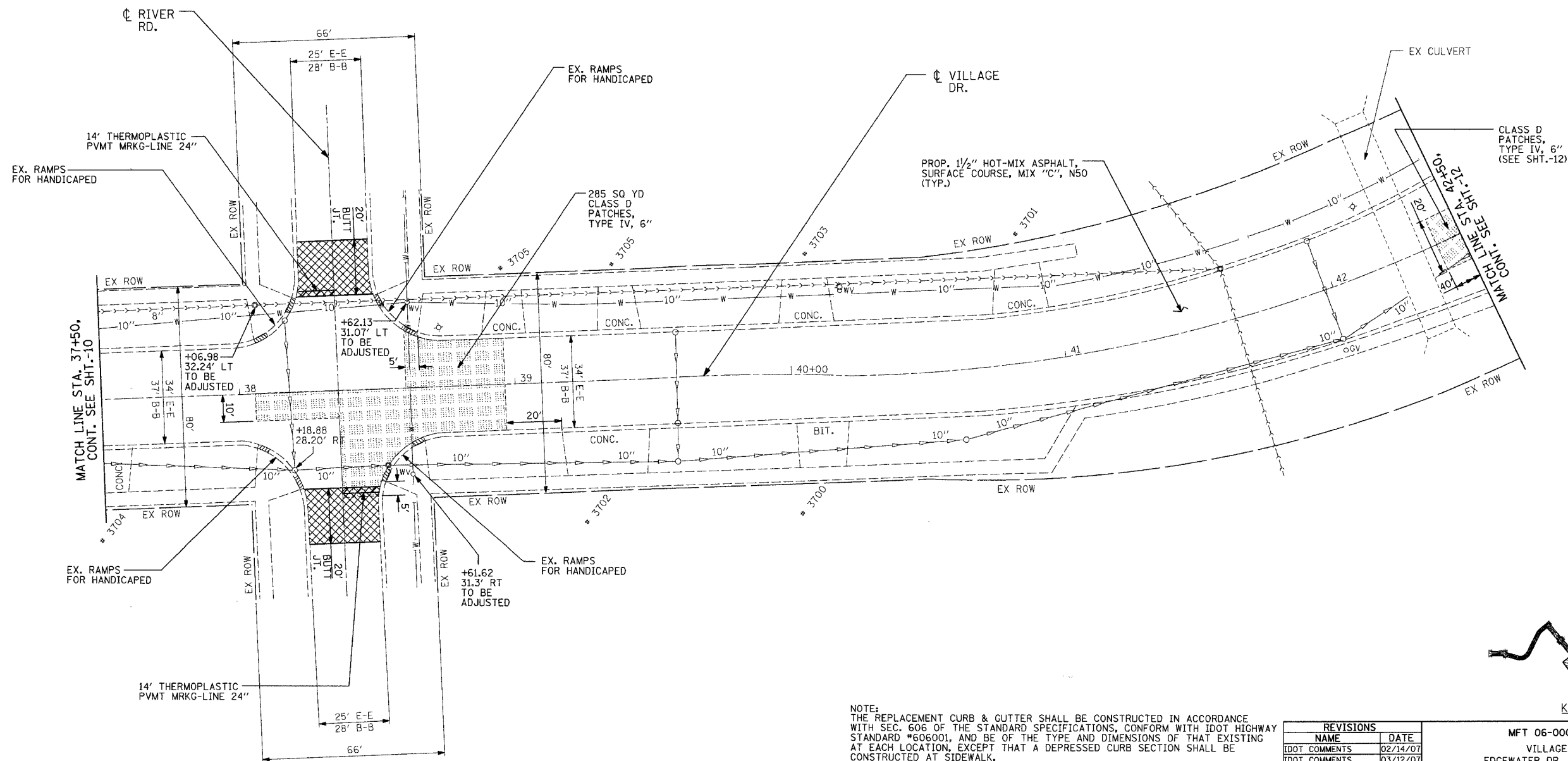
SCALE: VERT. NONE
HORIZ. 1" = 20'
DATE 03/09/2007
DRAWN BY LS
CHECKED BY CT

PLOT DATE = 03/09/2007
PLOT SCALE = 1/8" = 1'-0"
PLOT SIZE = 24.0000" x 36.0000" IN.
SHEET SIZE = 36x24 (IN.)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	11
STA. 37+50.00		TO STA. 42+50.00		
FED. ROAD DIST. NO.		ILLINOIS		
• 06-00068-00-RS				




- EXISTING LEGEND:**
- >—>—>—> STORM SEWER
 - >—>—>—> SANITARY SEWER
 - W — WATER LINE
 - G — GAS LINE
 - T — TELEPHONE LINE
 - E — COMED LINE
 - CTV — CABLE LINE
 - CATCH BASIN
 - MANHOLE
 - INLET
 - WVO - WATER VALVE
 - VVO - VALVE VAULT
 - ⊕ - FIRE HYDRANT
 - GVO - GAS VALVE
 - - GAS VAULT
 - ⊕ - LIGHT POLE
 - ⊕ - POWER POLE
 - ↑ - GUY



KEY PLAN

NOTE:
THE REPLACEMENT CURB & GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 606 OF THE STANDARD SPECIFICATIONS, CONFORM WITH IDOT HIGHWAY STANDARD #606001, AND BE OF THE TYPE AND DIMENSIONS OF THAT EXISTING AT EACH LOCATION, EXCEPT THAT A DEPRESSED CURB SECTION SHALL BE CONSTRUCTED AT SIDEWALK.

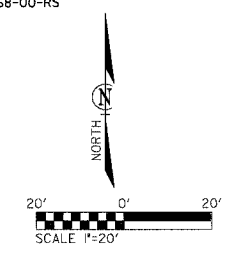
CIVIL / STRUCTURAL ENGINEERS

GLOBETROTTERS INTERNATIONAL.
 300 SOUTH WACKER DRIVE, SUITE 200
 CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07

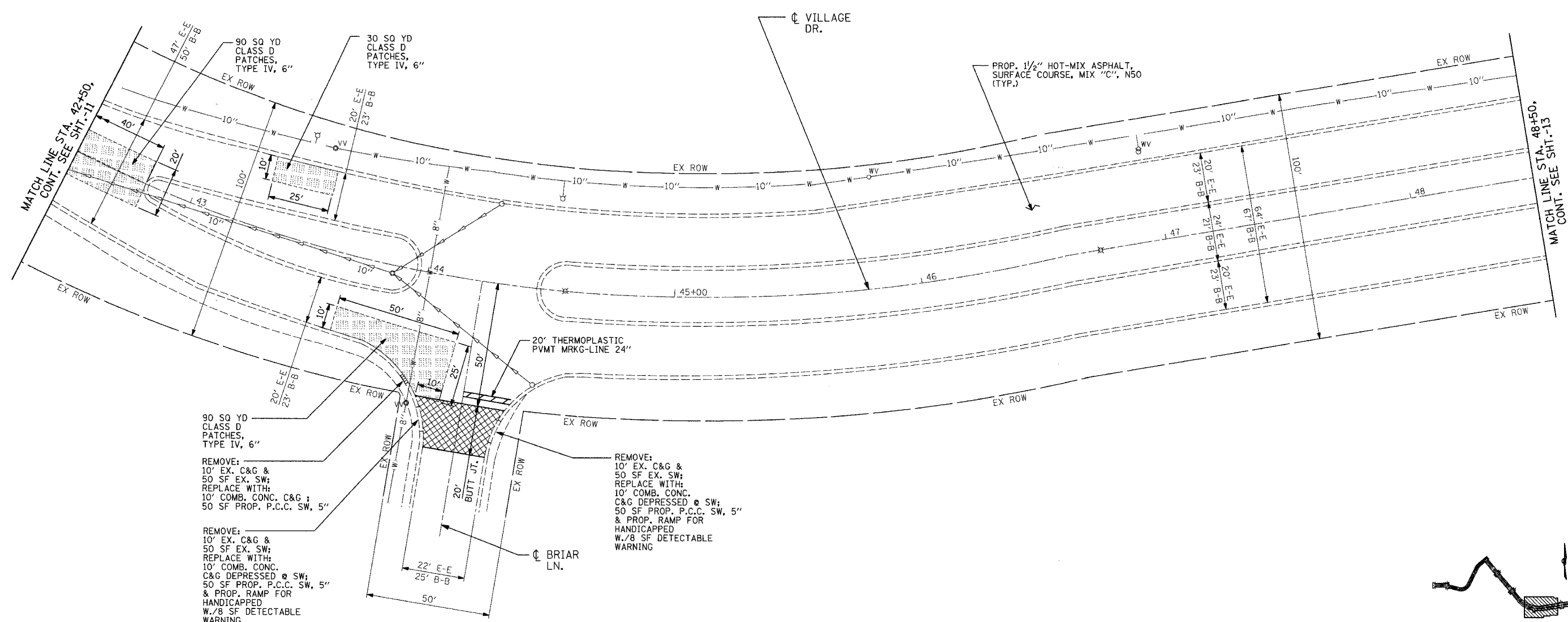
MFT 06-00068-00-RS
 VILLAGE DRIVE
 EDGEWATER DR. TO 183rd STR.
HAZEL CREST, IL
 PROJECT NO. 05726
 SCALE: VERT. NONE
 HORIZ. 1" = 20'
 DATE 03/09/2007
 DRAWN BY LS
 CHECKED BY CT

PLOT DATE = 03/09/2007
 FILE NAME = P:\projects\05726\002\C\Sheet\05726000_COI_VillageDr05.dgn
 PLOT SCALE = 28.000000 / IN.
 SHEET SIZE = 36x48 IN.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	*	COOK	19	12
STA. 42+50.00		TO STA. 48+50.00		
FED. ROAD DIST. NO.		ILLINOIS		
• 06-00068-00-RS				



- EXISTING LEGEND:**
- - STORM SEWER
 - - SANITARY SEWER
 - W --- - WATER LINE
 - G --- - GAS LINE
 - T --- - TELEPHONE LINE
 - E --- - COMED LINE
 - - CABLE LINE
 - o --- - CATCH BASIN
 - o --- - MANHOLE
 - o --- - INLET
 - wvo --- - WATER VALVE
 - vv --- - VALVE VAULT
 - u --- - FIRE HYDRANT
 - gvo --- - GAS VALVE
 - --- - GAS VAULT
 - ⊕ --- - LIGHT POLE
 - ⊕ --- - POWER POLE
 - ↑ --- - GUY

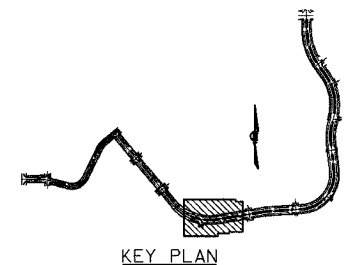


REMOVE:
10' EX. C&G &
50 SF EX. SW;
REPLACE WITH:
10' COMB. CONC. C&G;
50 SF PROP. P.C.C. SW, 5"

REMOVE:
10' EX. C&G &
50 SF EX. SW;
REPLACE WITH:
10' COMB. CONC.
C&G DEPRESSED @ SW;
50 SF PROP. P.C.C. SW, 5"
& PROP. RAMP FOR
HANDICAPPED
W./8 SF DETECTABLE
WARNING

REMOVE:
10' EX. C&G &
50 SF EX. SW;
REPLACE WITH:
10' COMB. CONC.
C&G DEPRESSED @ SW;
50 SF PROP. P.C.C. SW, 5"
& PROP. RAMP FOR
HANDICAPPED
W./8 SF DETECTABLE
WARNING

NOTE:
THE REPLACEMENT CURB & GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 606 OF THE STANDARD SPECIFICATIONS, CONFORM WITH IDOT HIGHWAY STANDARD *606001, AND BE OF THE TYPE AND DIMENSIONS OF THAT EXISTING AT EACH LOCATION, EXCEPT THAT A DEPRESSED CURB SECTION SHALL BE CONSTRUCTED AT SIDEWALK.



KEY PLAN

CIVIL / STRUCTURAL ENGINEERS

GLOBETROTTERS INTERNATIONAL.
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07

MFT 06-00068-00-RS
VILLAGE DRIVE
EDGEWATER DR. TO 183rd STR.
HAZEL CREST, IL
PROJECT NO. 05726

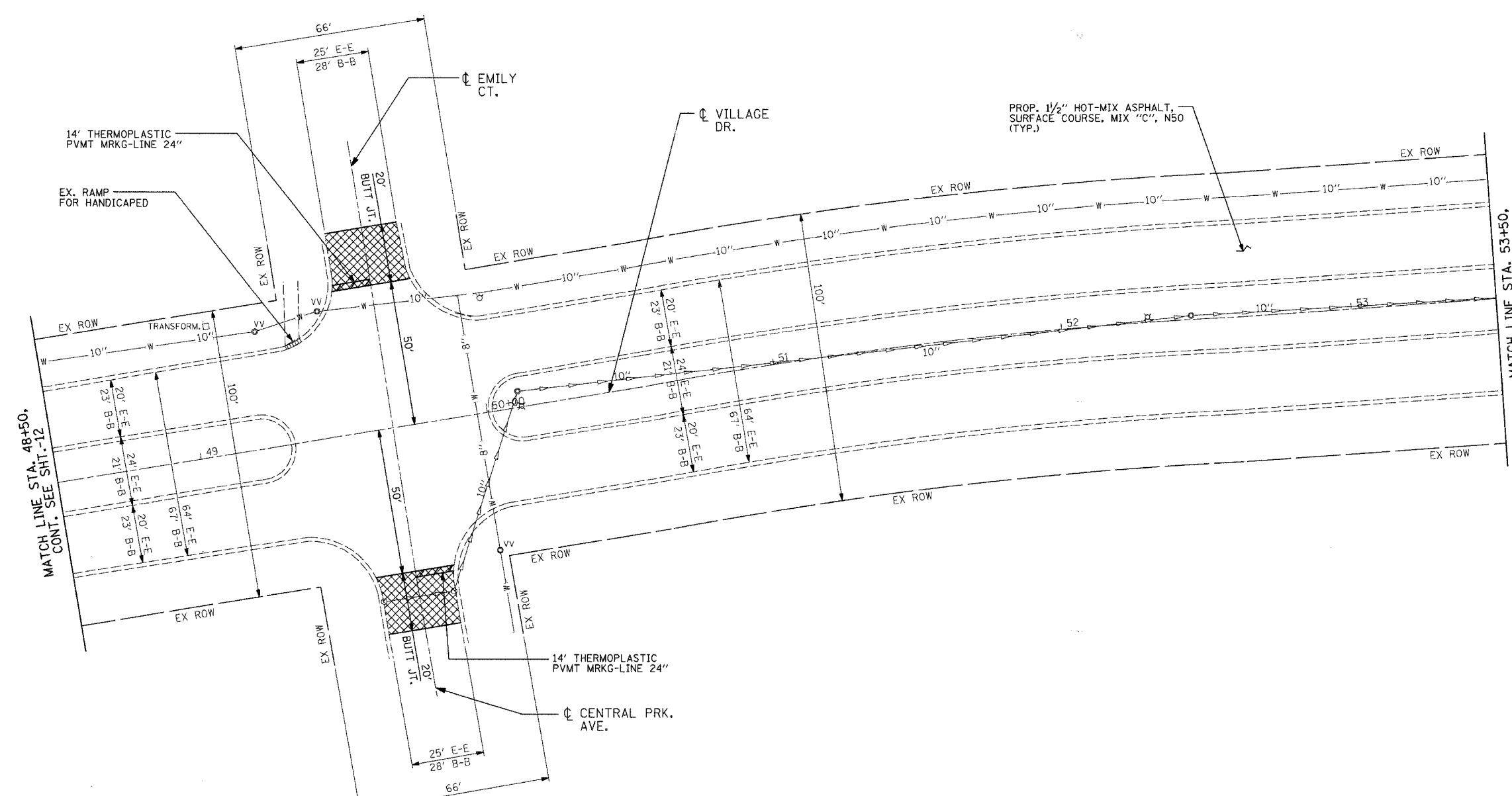
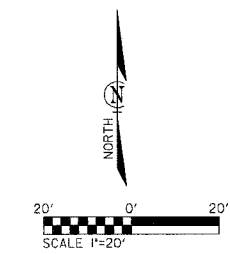
SCALE: VERT. NONE
HORIZ. 1" = 20'
DATE 03/09/2007

DRAWN BY LS
CHECKED BY CT

PLOT DATE = 03/09/2007
PLOT SCALE = 1/8" = 1'-0"
PLOT SIZE = 36x24 (IN.)
SHEET SIZE = 36x24 (IN.)

CONTRACT NO. 83907				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	13
STA. 48+50.00		TO STA. 53+50.00		
FED. ROAD DIST. NO.		ILLINOIS		


• 06-00068-00-RS



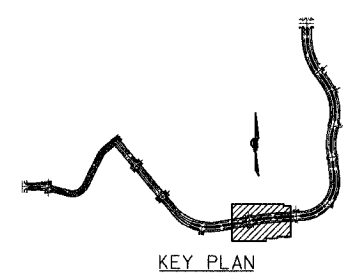
EXISTING LEGEND:

—>—>—>	- STORM SEWER	wvo	- WATER VALVE
->->->->	- SANITARY SEWER	vv	- VALVE VAULT
—W—	- WATER LINE	⊕	- FIRE HYDRANT
—G—	- GAS LINE	gvo	- GAS VALVE
—T—	- TELEPHONE LINE	□	- GAS VAULT
—E—	- COMED LINE	⊗	- LIGHT POLE
—CTV—	- CABLE LINE	⊕	- POWER POLE
○	- CATCH BASIN	↑	- GUY
●	- MANHOLE		
□	- INLET		

NOTE:
THE REPLACEMENT CURB & GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 606 OF THE STANDARD SPECIFICATIONS, CONFORM WITH IDOT HIGHWAY STANDARD #606001, AND BE OF THE TYPE AND DIMENSIONS OF THAT EXISTING AT EACH LOCATION, EXCEPT THAT A DEPRESSED CURB SECTION SHALL BE CONSTRUCTED AT SIDEWALK.

CIVIL / STRUCTURAL ENGINEERS

GLOBETROTTERS INTERNATIONAL.
 300 SOUTH WACKER DRIVE, SUITE 200
 CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07



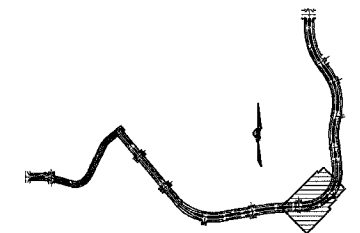
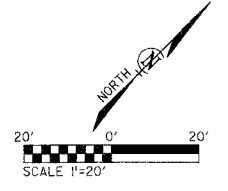
MFT 06-00068-00-RS
 VILLAGE DRIVE
 EDGEWATER DR. TO 183rd STR.
 HAZEL CREST, IL
 PROJECT NO. 05726

SCALE: VERT. NONE
 HORIZ. 1" = 20'
 DATE 03/09/2007

DRAWN BY LS
 CHECKED BY CT

PLOT DATE = 03/09/2007
 PLOT SCALE = 20.0000"
 SHEET SIZE = 36x24 (IN)

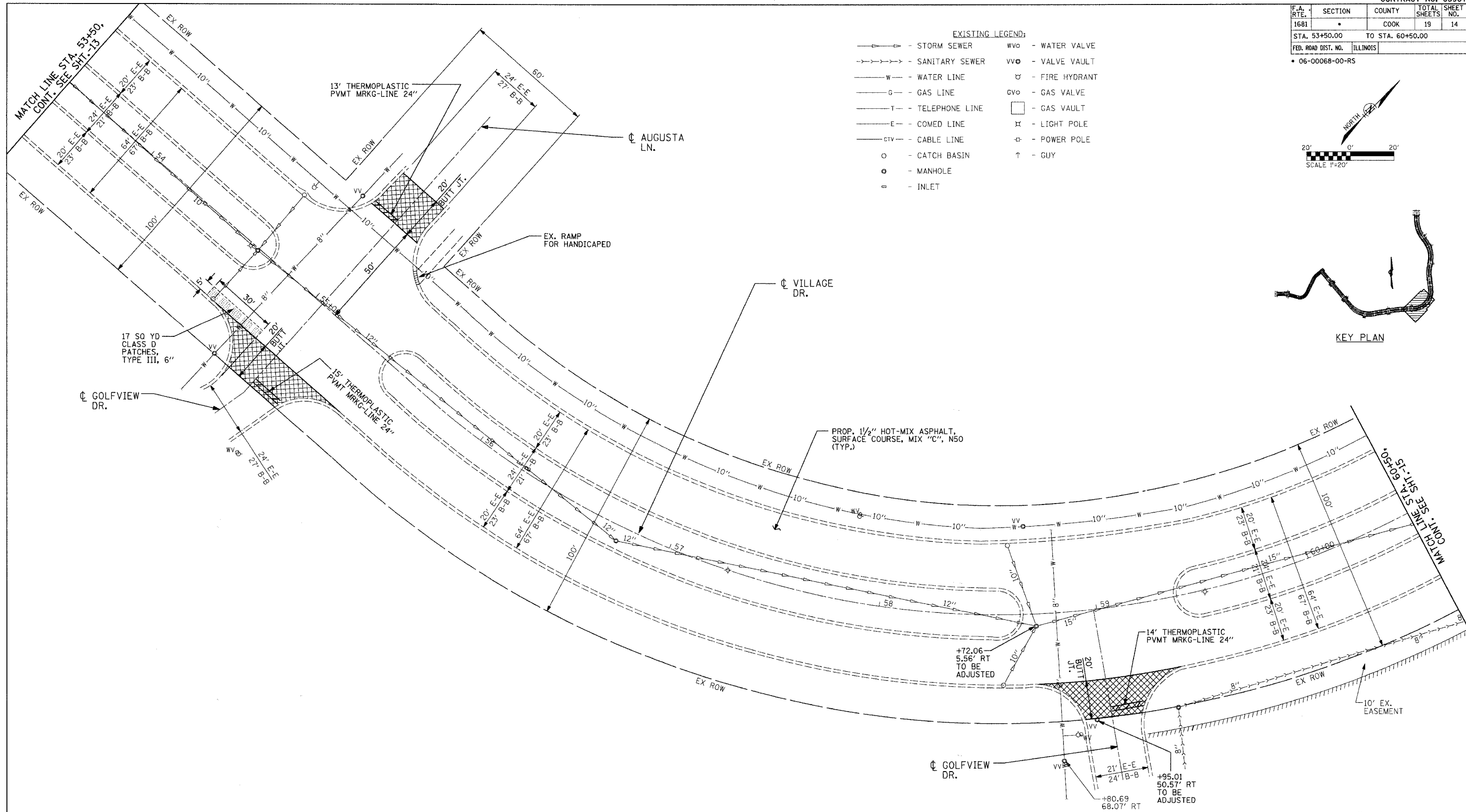
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681		COOK	19	14
STA. 53+50.00		TO STA. 60+50.00		
FED. ROAD DIST. NO.		ILLINOIS		
• 06-00068-00-RS				



KEY PLAN

EXISTING LEGEND:

—●—	- STORM SEWER	WVO	- WATER VALVE
—●—	- SANITARY SEWER	VVO	- VALVE VAULT
—W—	- WATER LINE	⊕	- FIRE HYDRANT
—G—	- GAS LINE	GVO	- GAS VALVE
—T—	- TELEPHONE LINE	□	- GAS VAULT
—E—	- COMED LINE	⊗	- LIGHT POLE
—CIV—	- CABLE LINE	⊕	- POWER POLE
○	- CATCH BASIN	↑	- GUY
●	- MANHOLE		
□	- INLET		



NOTE:
THE REPLACEMENT CURB & GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEC. 606 OF THE STANDARD SPECIFICATIONS, CONFORM WITH IDOT HIGHWAY STANDARD #606001, AND BE OF THE TYPE AND DIMENSIONS OF THAT EXISTING AT EACH LOCATION, EXCEPT THAT A DEPRESSED CURB SECTION SHALL BE CONSTRUCTED AT SIDEWALK.

CIVIL / STRUCTURAL ENGINEERS

GLOBETROTTERS INTERNATIONAL.
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07

MFT 06-00068-00-RS
VILLAGE DRIVE
EDGEWATER DR. TO 183rd STR.
HAZEL CREST, IL
PROJECT NO. 05726

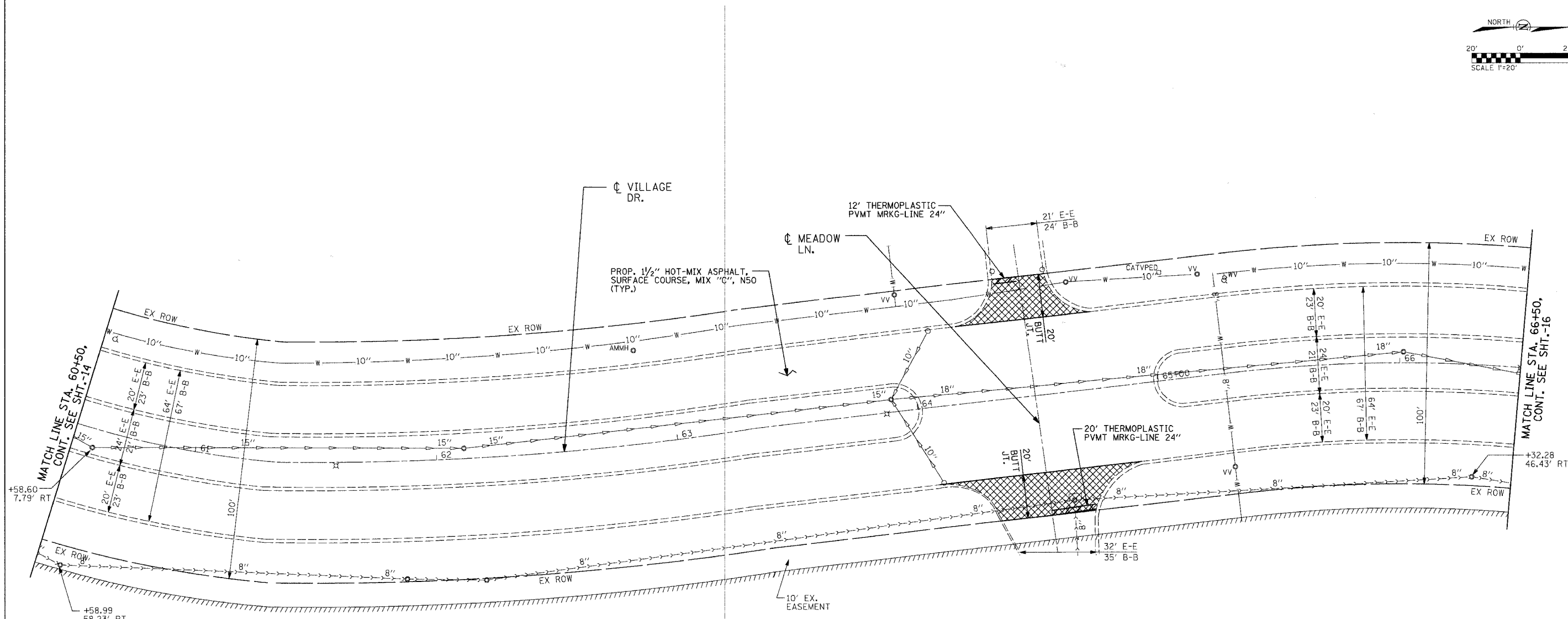
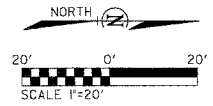
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HORIZ. 1" = 20'
DATE 03/09/2007

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CHECKED BY CT

PLOT DATE = 03/09/2007
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SCALE = 28.800000 / IN.
SHEET SIZE = 36x48 IN.

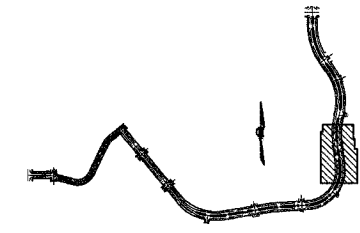
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	*	COOK	19	15
STA. 60+50.00		TO STA. 66+50.00		
FED. ROAD DIST. NO.		ILLINOIS		

• 06-00068-00-RS



EXISTING LEGEND:

- >--->---> STORM SEWER
- >--->---> SANITARY SEWER
- W --- WATER LINE
- G --- GAS LINE
- T --- TELEPHONE LINE
- E --- COMED LINE
- CTV --- CABLE LINE
- CATCH BASIN
- MANHOLE
- INLET
- wvo - WATER VALVE
- vvo - VALVE VAULT
- ⊕ - FIRE HYDRANT
- gvo - GAS VALVE
- GAS VAULT
- ⊗ LIGHT POLE
- ⊕ POWER POLE
- ↑ GUY



KEY PLAN

CIVIL / STRUCTURAL ENGINEERS



GLOBETROTTERS INTERNATIONAL,
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
DOT COMMENTS	02/14/07
DOT COMMENTS	03/12/07

MFT 06-00068-00-RS
VILLAGE DRIVE
EDGEWATER DR. TO 183rd STR.
HAZEL CREST, IL
PROJECT NO. 05726

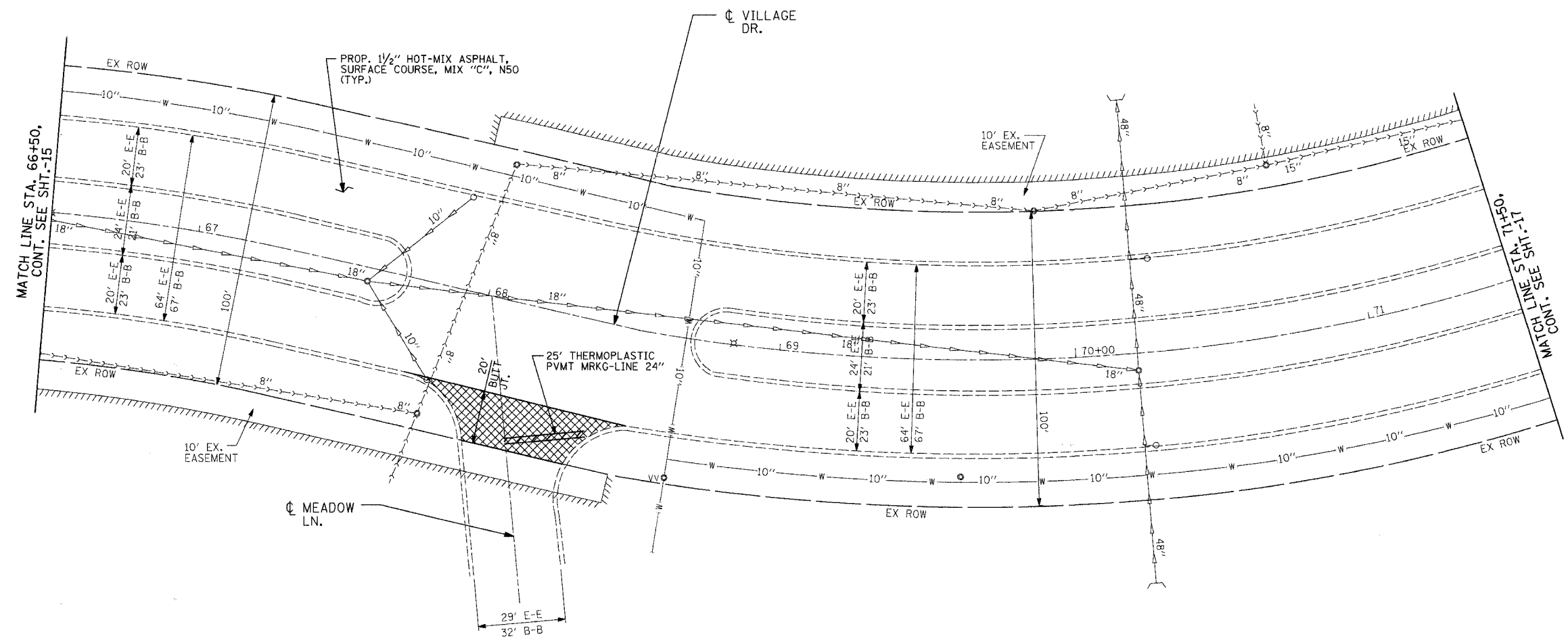
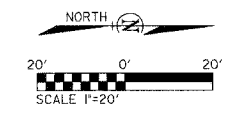
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HORIZ. 1" = 20'
DATE 03/09/2007

DRAWN BY LS
CHECKED BY CT

PLOT DATE = 03/09/2007
 PLOT SCALE = 20.00000 / IN.
 SHEET SIZE = 36x24 (IN)

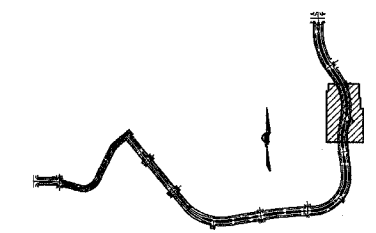
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	*	COOK	19	16
STA. 66+50.00		TO STA. 71+50.00		
FED. ROAD DIST. NO.		ILLINOIS		

• 06-00068-00-RS



EXISTING LEGEND:

- | | | | |
|---------|------------------|-----|----------------|
| —>—>—> | - STORM SEWER | WVO | - WATER VALVE |
| ->->-> | - SANITARY SEWER | VVO | - VALVE VAULT |
| — W — | - WATER LINE | ⊕ | - FIRE HYDRANT |
| — G — | - GAS LINE | GVO | - GAS VALVE |
| — T — | - TELEPHONE LINE | □ | - GAS VAULT |
| — E — | - COMED LINE | ⊗ | - LIGHT POLE |
| — CTV — | - CABLE LINE | ⊕ | - POWER POLE |
| ○ | - CATCH BASIN | ↑ | - GUY |
| ● | - MANHOLE | | |
| ⊖ | - INLET | | |




KEY PLAN

MFT 06-00068-00-RS
 VILLAGE DRIVE
 EDGEWATER DR. TO 183rd STR.
 HAZEL CREST, IL
 PROJECT NO. 05726

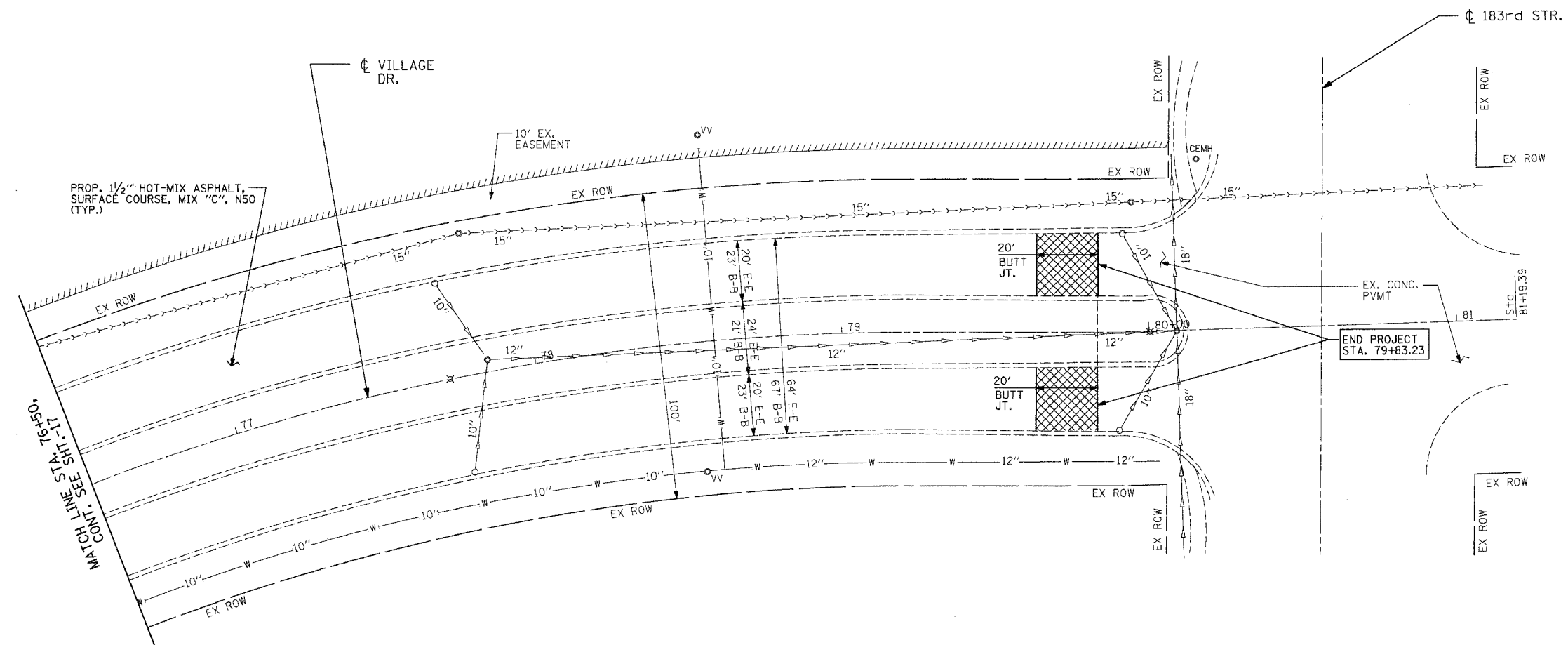
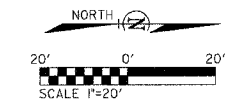
REVISIONS	
NAME	DATE
IDOT COMMENTS	02/14/07
IDOT COMMENTS	03/12/07

SCALE: VERT. NONE
 HORIZ. 1" = 20'
 DATE 03/09/2007
 DRAWN BY LS
 CHECKED BY CT

CIVIL / STRUCTURAL ENGINEERS

GLOBETROTTERS INTERNATIONAL.
 300 SOUTH WACKER DRIVE, SUITE 200
 CHICAGO, IL. 60606

PLOT DATE = 03/09/2007
 PLOT SCALE = 1" = 20'
 PLOT SIZE = 24" x 36"
 SHEET SIZE = 36" x 24" (IN)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	*	COOK	19	18
STA. 76+50.00		TO STA. 79+83.23		
FED. ROAD DIST. NO.		ILLINOIS		
• 06-00068-00-RS				

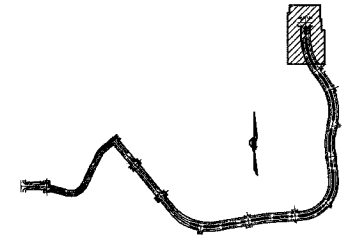


PROP. 1 1/2" HOT-MIX ASPHALT, SURFACE COURSE, MIX "C", N50 (TYP.)

MATCH LINE SEE SH. 17 STA. 76+50.00

EXISTING LEGEND:

—>—>—>	- STORM SEWER	WV	- WATER VALVE
->->->	- SANITARY SEWER	VV	- VALVE VAULT
— W —	- WATER LINE	FH	- FIRE HYDRANT
— G —	- GAS LINE	GV	- GAS VALVE
— T —	- TELEPHONE LINE	GV	- GAS VAULT
— E —	- COMED LINE	LP	- LIGHT POLE
— CTV —	- CABLE LINE	PP	- POWER POLE
○	- CATCH BASIN	↑	- GUY
●	- MANHOLE		
—	- INLET		



KEY PLAN

CIVIL / STRUCTURAL ENGINEERS



GLOBETROTTERS INTERNATIONAL.
300 SOUTH WACKER DRIVE, SUITE 200
CHICAGO, IL. 60606

REVISIONS	
NAME	DATE
DDOT COMMENTS	02/14/07
DDOT COMMENTS	03/12/07

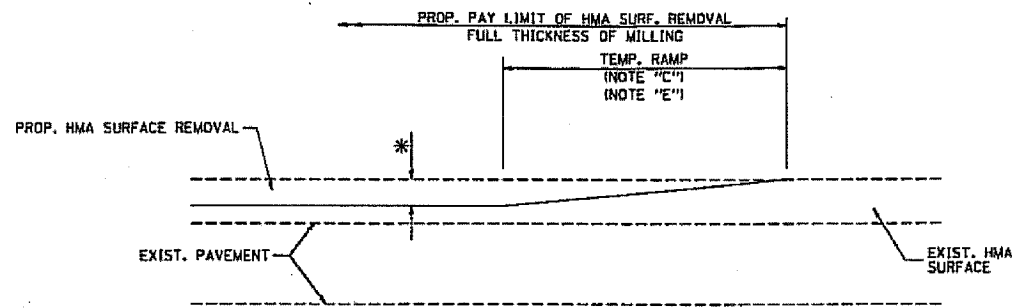
MFT 06-00068-00-RS
VILLAGE DRIVE
EDGEWATER DR. TO 183rd STR.
HAZEL CREST, IL
PROJECT NO. 05726

SCALE: VERT. NONE
HORIZ. 1" = 20'
DATE 03/09/2007

DRAWN BY LS
CHECKED BY CT

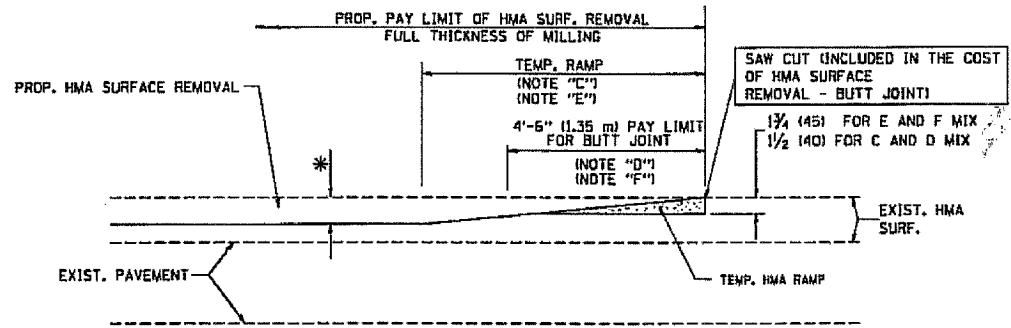
PLOT DATE = 03/09/2007
PLOT SCALE = 1/8"=1'-0"
PLOT SIZE = 24.0000 x 36.0000 IN.
SHEET SIZE = 36x24 (IN.)

CONTRACT NO. 83907			
F.A. RYE.	SECTION	COUNTY	TOTAL SHEET NO.
*	COOK	19	19
STA. N/A	TO STA. N/A		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
# 06-00068-00-R5			



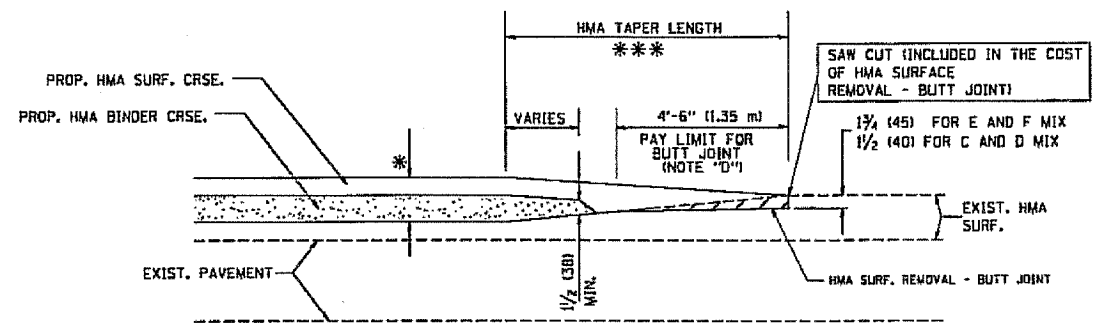
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1



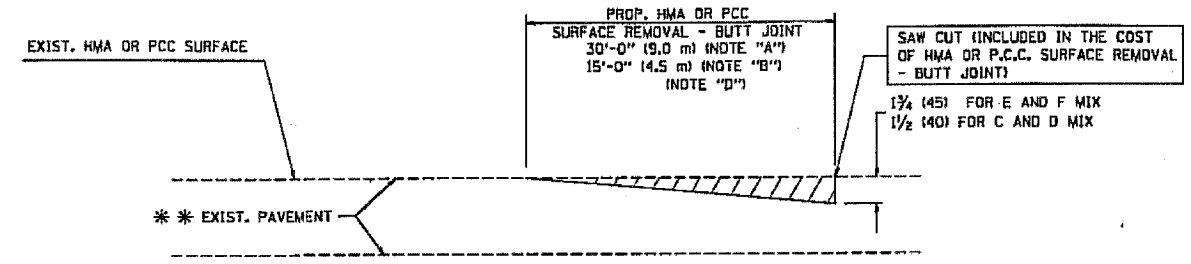
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2
TYPICAL TEMPORARY RAMP

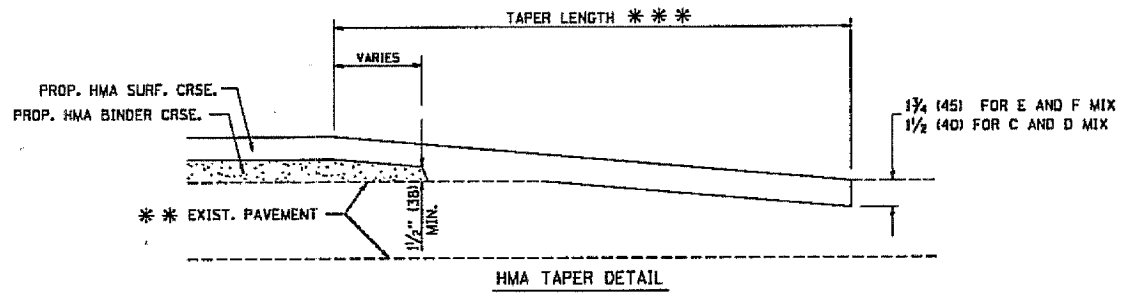


BUTT JOINT AND HMA TAPER

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE
HORIZ. 1/8"=1'-0"
PLOT DATE: 1/18/2007

DRAWN BY
CHECKED BY
BB400-05 (V1-BD32)
REVISION DATE: 01/18/07

PLOT DATE: 1/18/2007
 FILE NAME: c:\Users\pasha\Documents\83907.dgn
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: pasha