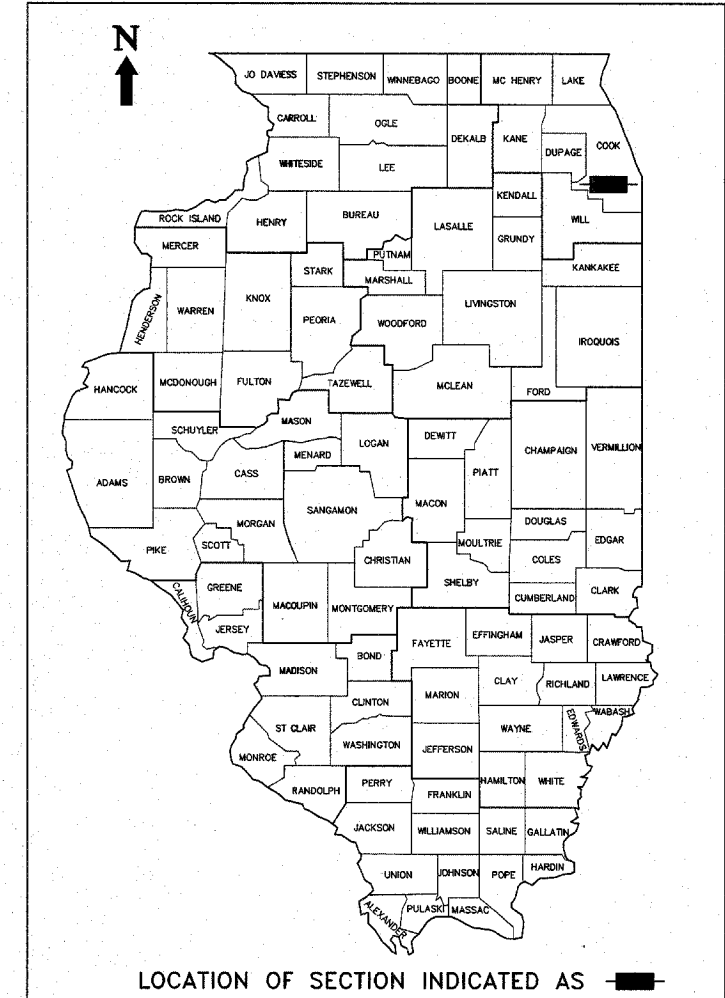


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	1
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				

**FAU RTE. 1524 (65th STREET)
HOT-MIX ASPHALT RESURFACING
HARLEM AVE TO AUSTIN AVE
SECTION NO. 08-00028-00-RS
PROJECT NO: M-8003(917)
JOB NO: C-91-137-08
VILLAGE OF BEDFORD PARK, COOK COUNTY**



INDEX TO SHEETS:

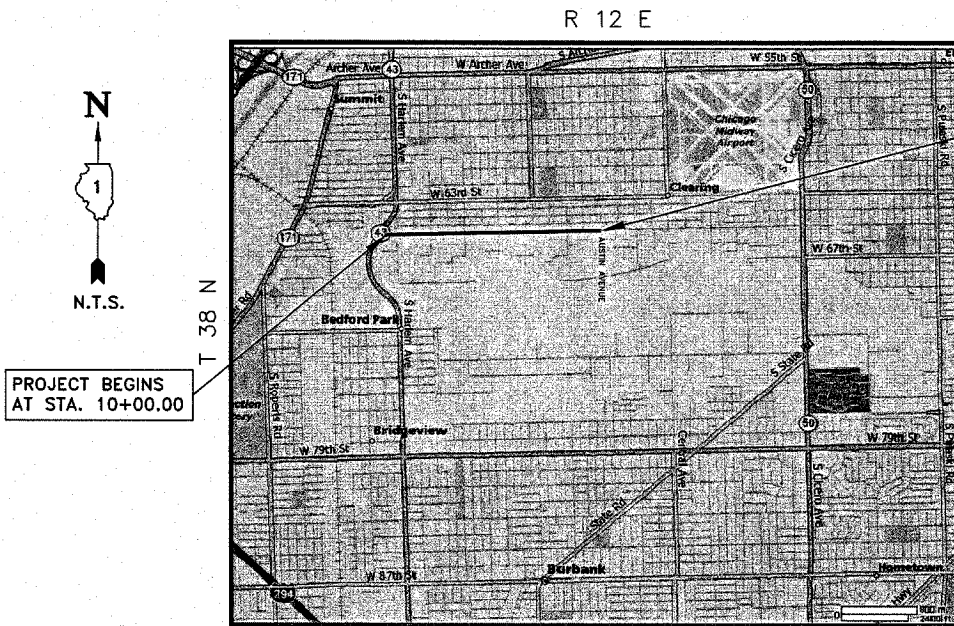
SHEET NO. DESCRIPTION

- 1. COVER SHEET
- 2. GENERAL NOTES - SUMMARY OF QUANTITIES
- 3. TYPICAL SECTIONS
- 4-11. PLAN SHEETS
- 12. DISTRICT 1 DETAIL-TC10-TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS
- 13. DISTRICT 1 DETAIL-TC13-TYPICAL PAVEMENT MARKINGS
- 14. DISTRICT 1 DETAIL-BD22-PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENTS
- 15. DISTRICT 1 DETAIL-BD24-CURB OR CURB AND GUTTER R&R
- 16. DISTRICT 1 DETAIL-BD32-BUTT JOINT AND HMA TAPER DETAIL

LIST OF STATE STANDARDS:

STANDARD NO. DESCRIPTION

- 000001-05: STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 442101-07: CLASS B PATCHES
- 604001-02: FRAMES & LIDS, TYPE 1
- 606001-03: CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701601-05: URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NON TRAVERSABLE MEDIAN
- 701901: TRAFFIC CONTROL DEVICES
- 886006: TYPICAL LAYOUTS FOR DETECTION LOOPS



PROJECT ENDS
AT STA. 94+00.00

TRAFFIC DATA
ADT = 16,000 (2007)
SPEED LIMIT = 30

PROJECT BEGINS
AT STA. 10+00.00



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED: 2/20 1208
[Signature]
VILLAGE OF BEDFORD PARK, PRESIDENT

PASSED: FEBRUARY 25 1208
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: FEBRUARY 25, 1208
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS/REGION 1 ENGINEER

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

DESIGN DESIGNATION - 1800(28) ARTERIAL

hbe Hoefflerle-Butler Engineering, Inc.
Consulting Civil Engineers - Land Surveyors
PROFESSIONAL DESIGN FIRM LICENSE NO. 094-000819
8714 S. ROBERTS ROAD HICKORY HILLS, ILLINOIS 60457
(708) 599-8980 FAX (708) 599-8796

STEPHEN A. LEIDER
38352
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

[Signature]
DATE: 2/20/08

CONTRACT NO. 63018

GROSS LENGTH OF PROJECT 8,400 FEET (1.59 MILES)
NET LENGTH OF PROJECT 8,400 FEET (1.59 MILES)

EXPIRES 11-30-09
(PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS)

MFT FIELD ENGINEER: MELCHOR MANGOBA 1-847-705-4408
CONSULTANT: HOEFFLERLE BUTLER ENGINEERING, INC. 1-708-599-8980

HBE JOB# 07-505 (PHASE 2)

GENERAL NOTES

CONSTRUCTION WILL BE PERFORMED IN ACCORDANCE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007, ETC.

UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTORS SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY, THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE VILLAGE. THIS WORK SHALL BE AT THE CONTRACTORS EXPENSE.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.

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

STORM SEWER

WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR CATCH BASINS TO BE ADJUSTED.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE.

RESTORATION

CONTRACTOR IS TO RESTORE ALL UNPAVED AREAS DAMAGED DURING CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITION INCLUDING THE FINE GRADING AND SODDING OF AREAS WITHIN EASEMENTS AND RIGHTS-OF-WAY.

TRAFFIC SIGNALS

THE ENGINEER SHALL BE NOTIFIED 24 HOURS IN ADVANCE WHEN LOOP DETECTORS ARE CUT TO ALLOW FOR TIMING ADJUSTMENT OF TRAFFIC SIGNALS.

STAGING

NO FORMAL STAGING OF TRAFFIC FLOW WILL BE REQUIRED AS LONG AS TWO-WAY TRAFFIC IS MAINTAINED THROUGHOUT LENGTH OF PROJECT AT ALL TIMES.

MISCELLANEOUS

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION.

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

ALL SAWCUTTING SHALL BE INCLUDED IN THE UNIT OF COST OF REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) TYPE III BARRICADES SHALL HAVE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.

ANY EXISTING PAVEMENT DAMAGED BY THE CONTRACTOR DURING THE CONSTRUCTION SHALL BE REPLACED/REPAIRED BY THE CONTRACTOR AT HIS/HERS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER WITH NO ADDITIONAL COMPENSATION TO THE CONTRACTOR.

STAKING

THE CONTRACTOR SHALL TAKE CARE TO PROTECT AND PRESERVE ALL STAKING AND MARKING DURING CONSTRUCTION. CONTINUOUS DESTRUCTION OF STAKES AS A RESULT OF CARELESSNESS MAY RESULT IN DAMAGES.

PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED, IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.10 GAL/S.Y.

HOEFFERLE-BUTLER ENGINEERING SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK. THEY SHALL BE NOTIFIED AT LEAST 72 HOURS IN ADVANCE IF CONSTRUCTION STAKING IS REQUIRED.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	2
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				

SUMMARY OF QUANTITIES

ITEM #	ITEMS	UNITS	QUANTITY	CONSTRUCTION CODE I-000
35800200	AGGREGATE BASE REPAIR	TON	356	356
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL.	4667	4667
40600300	AGGREGATE (PRIME COAT)	TON	94	94
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	5	5
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1509	1509
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ. YD.	565	565
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	40	40
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6039	6039
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ. FT.	1050	1050
42400800	DETECTABLE WARNINGS	SQ. FT.	420	420
44000600	SIDEWALK REMOVAL	SQ. FT.	1050	1050
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4"	SQ. YD.	46679	46679
44001700	COMBINATION CONCRETE CURB AND GUTTER			
	REMOVAL AND REPLACEMENT	FT.	200	200
44002010	CONCRETE MEDIAN REMOVAL	SQ. FT.	2452	2452
44002212	HOT-MIX ASPHALT SURFACE REMOVAL			
	OVER PATCHES, 3"	SQ. YD.	233	233
44003800	MEDIAN SURFACE REMOVAL	SQ. FT.	22826	22826
44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ. YD.	220	220
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ. YD.	46679	46679
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EA.	137	137
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EA.	14	14
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EA.	14	14
60618200	BITUMINOUS MEDIAN SURFACE, 2"	SQ. FT.	22826	22826
60624600	CORRUGATED MEDIAN	SQ. FT.	2452	2452
67100100	MOBILIZATION	L SUM	1	1
70101800	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FT.	2233	2233
* 78000100	THERMOPLASTIC PAVEMENT MARKING-LETTERS &			
	SYMBOLS	SQ. FT.	796	796
* 78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FT.	22740	22740
* 78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FT.	2624	2624
* 78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FT.	635	635
* 78000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FT.	268	268
* 88600600	DETECTOR LOOP REPLACEMENT	FT.	760	760
Δ Z0076600	TRAINEES	HOUR	500	500
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

* DENOTES SPECIALTY ITEM

Δ Y080

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF BEDFORD PARK 65TH STREET RESURFACING HARLEM AVE. TO AUSTIN AVE. GENERAL NOTES AND SUMMARY OF QUANTITIES
NAME	DATE	
S. LEIBER	02/19/08	

SCALE: N.T.S.
HORIZ: N.T.S.
DATE: 12/28/07
DRAWN BY: ECC
CHECKED BY: SAL

Hoeflerle-Butler Engineering, Inc.
Civil Engineers • Land Surveyors
Consulting
PROFESSIONAL DESIGN FIRM LICENSE NO. 084-008819
874 S. ROBERTS ROAD HICKORY HILLS, ILLINOIS 60457
7080 599-6580 FAX 7080 599-8198

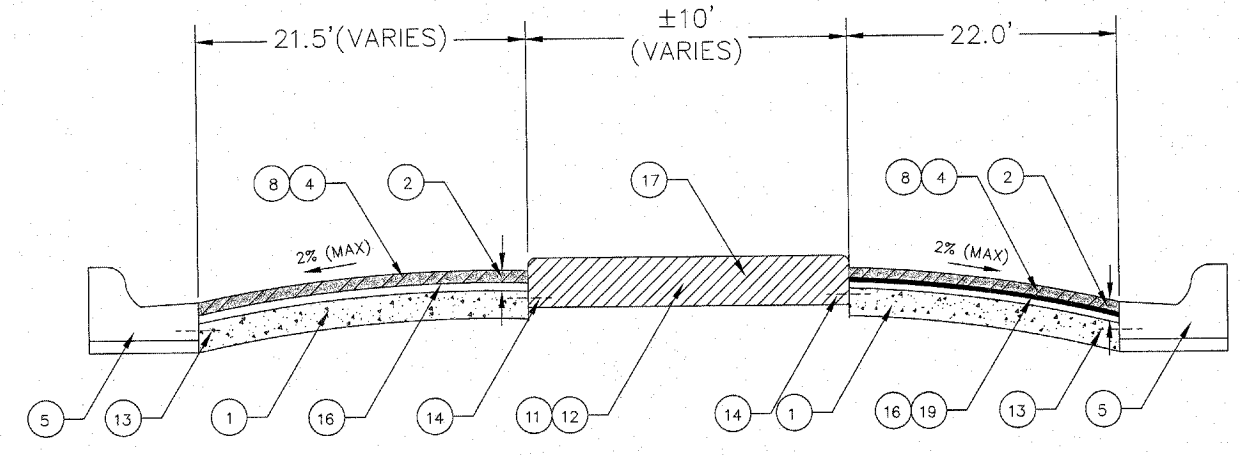
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	3
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63018				

HMA MIXTURE REQUIREMENTS CHART

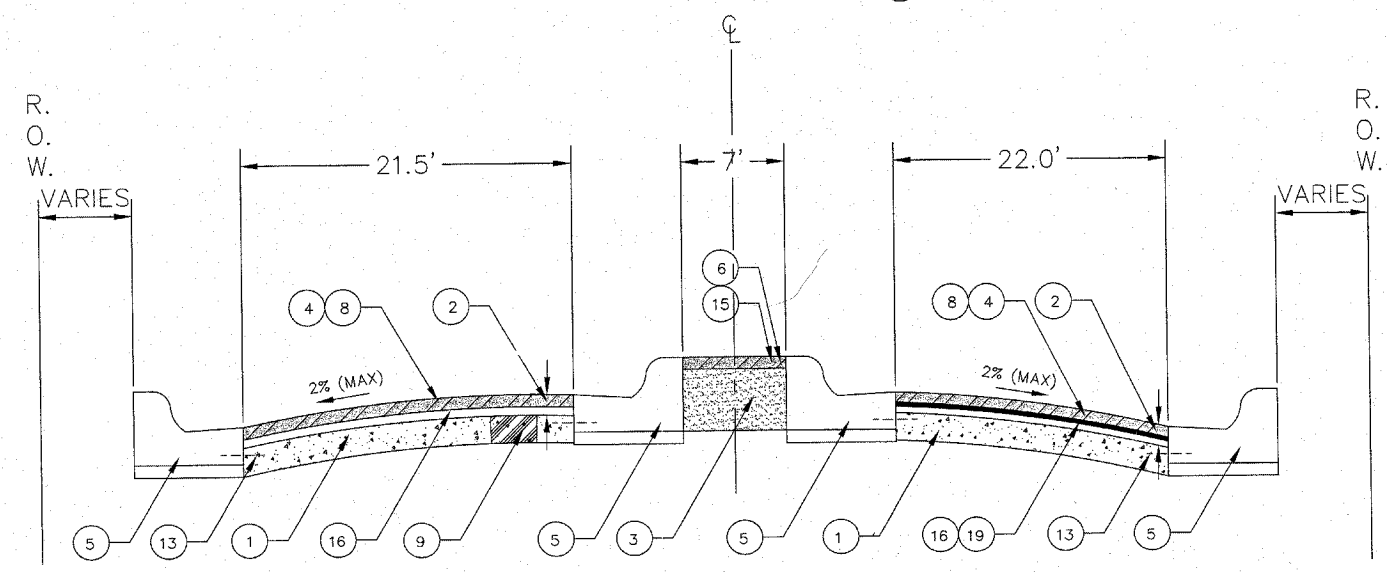
ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE CSE. MIX D, N70 (IL-9.5mm)	PG 64-22	4% AT 70 GYR
LEVELING BINDER (MACHINE METHOD), N70	PG 64-22	4% AT 70 GYR
HOT-MIX ASPHALT MEDIAN SURFACE CSE, MIX C, N30L	PG 64-22	4% AT 30 GYR
HMA PLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	PG 64-22**	4% AT 30 GYR

1.) THE UNIT WEIGHT TO CALCULATE ALL HMA 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

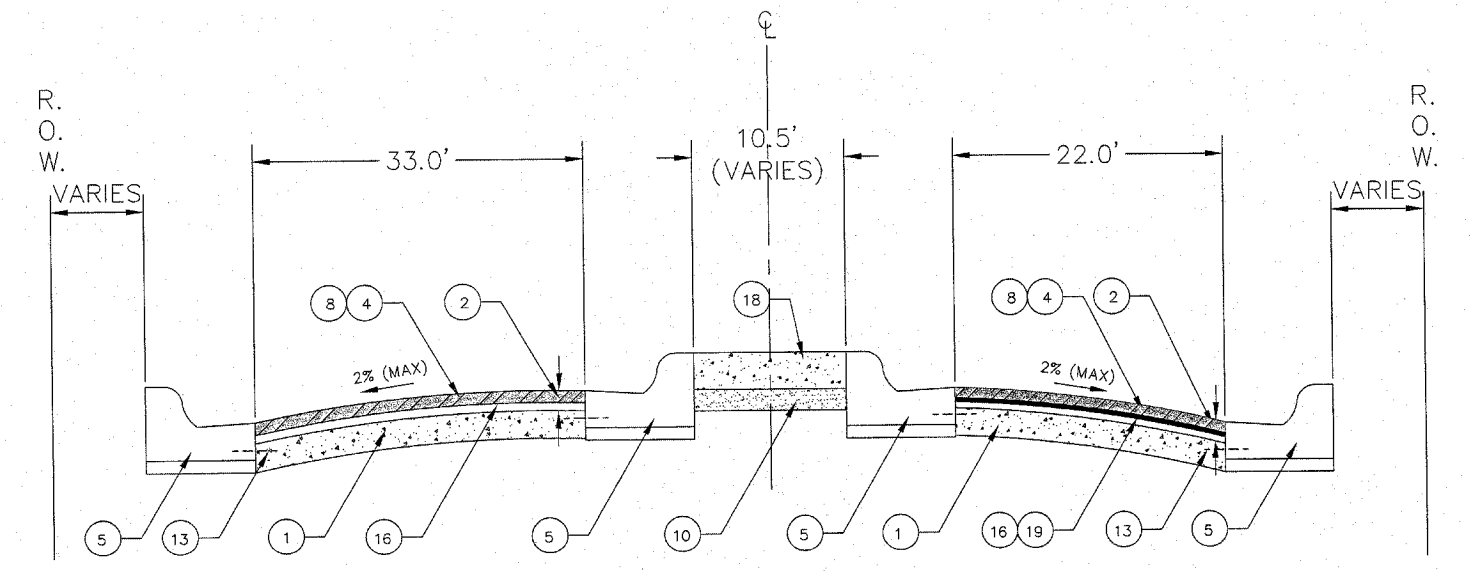
- | | |
|---|--|
| 1 EX. P.C.C. BASE CSE, 9" | 10 EX. SUB-BASE GRANULAR, 4" |
| 2 EX. ASPHALT SURFACE, 2 1/2"-3 1/2" | 11 EX. CORRUGATED MEDIAN, 11 1/2" |
| 3 EX. AGGREGATE BASE, 9" | 12 CONCRETE MEDIAN REMOVAL (WHERE DIRECTED) |
| 4 HOT-MIX ASPHALT SURF. REMOVAL, 2 1/4" | 13 EX. TIE BARS |
| 5 EX. CURB AND GUTTER | 14 PROP. TIE BARS @ 2.5' CTRS (INCIDENTAL TO MEDIAN) |
| 6 MEDIAN SURFACE REMOVAL | 15 PROP. HOT-MIX ASPHALT MEDIAN SURFACE, 2" |
| 7 EX. P.C.C. PAVEMENT, ±9" | 16 AREA REFLECTIVE CRACK CONTROL TREATMENT |
| 8 PROP. HOT-MIX ASPHALT SURF. CSE, MIX D, N70, 2 1/4" | 17 PROP. CORRUGATED MEDIAN (STD. 606306-2) |
| 9 CLASS "B" PATCHES (WHERE DIRECTED) | 18 EX. CONCRETE MEDIAN, ±5" |
| | 19 LEVELING BINDER (MACHINE METHOD), N70, 1/2"-3/4" (WHERE DIRECTED) |



TYPICAL CROSS SECTION W/CONCRETE MEDIAN
65TH STREET (STA 14+81 - 94+00)



TYPICAL CROSS SECTION W/RAISED ASPHALT MEDIAN
65TH STREET (STA 14+81 - 94+00)



TYPICAL CROSS SECTION W/RAISED CONCRETE MEDIAN
65TH STREET (STA 10+00 - 14+81)





hbe Hoeffler-Butler Engineering, Inc.
 Consulting Civil Engineers • Land Surveyors
 PROFESSIONAL DESIGN FIRM LICENSE NO. 04-000819
 8714 S. ROBERTS ROAD • HICKORY HILLS, ILLINOIS 60457
 (708) 599-8980 FAX (708) 599-8798

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF BEDFORD PARK 65TH STREET RESURFACING HARLEM AVE. TO AUSTIN AVE. TYPICAL CROSS SECTIONS STA. 10+00.00 - STA. 94+00.00
NAME	DATE	
S. LEIBER	02/19/08	SCALE: N.T.S. HORIZ: N.T.S. DATE: 12/26/07 DRAWN BY: ECC CHECKED BY: SAL

HEB 008-07-505 (PHASE 2)

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	4
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				

LEGEND

-  PROPOSED CURB AND GUTTER REMOVAL AND REPLACEMENT
-  PROPOSED HOT MIX ASPHALT SURFACE REMOVAL AND HOT MIX ASPHALT SURFACE COURSE, 2 1/4"
-  LIMITS OF SURFACE REMOVAL - BUTT JOINT
-  MEDIAN SURFACE REMOVAL AND HOT-MIX ASPHALT MEDIAN SURFACE REPLACEMENT, 2"

hbe Hoeffler-Butler Engineering, Inc.
 Consulting Civil Engineers - Land Surveyors
 PROFESSIONAL DESIGN FIRM LICENSE NO. 084-000819
 8714 S. ROBERTS ROAD, HICKORY HILLS, ILLINOIS 60457
 (708) 599-9980 FAX (708) 599-8790

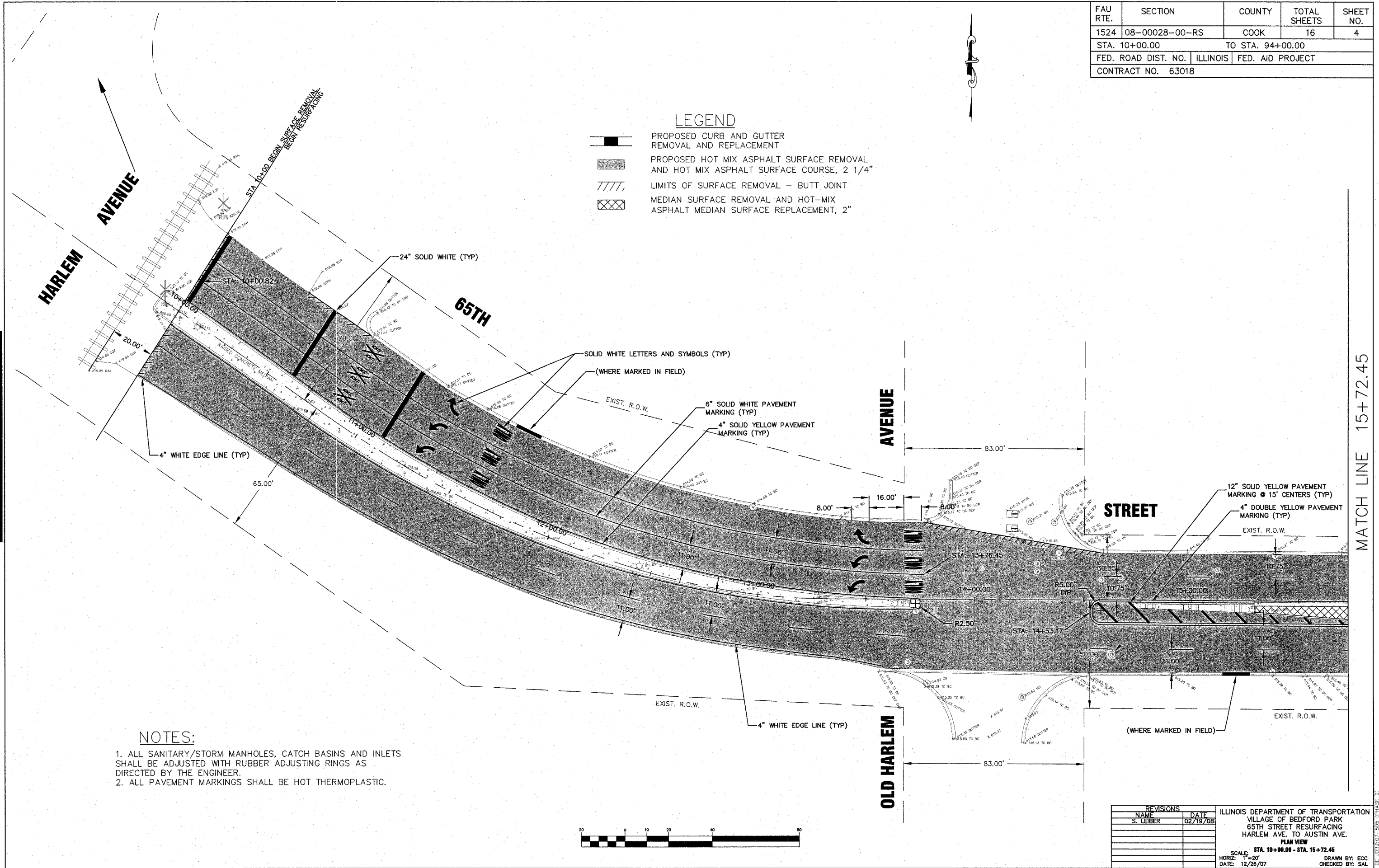
NOTES:

1. ALL SANITARY/STORM MANHOLES, CATCH BASINS AND INLETS SHALL BE ADJUSTED WITH RUBBER ADJUSTING RINGS AS DIRECTED BY THE ENGINEER.
2. ALL PAVEMENT MARKINGS SHALL BE HOT THERMOPLASTIC.



REVISIONS	
NAME	DATE
S. LEIBER	02/19/08

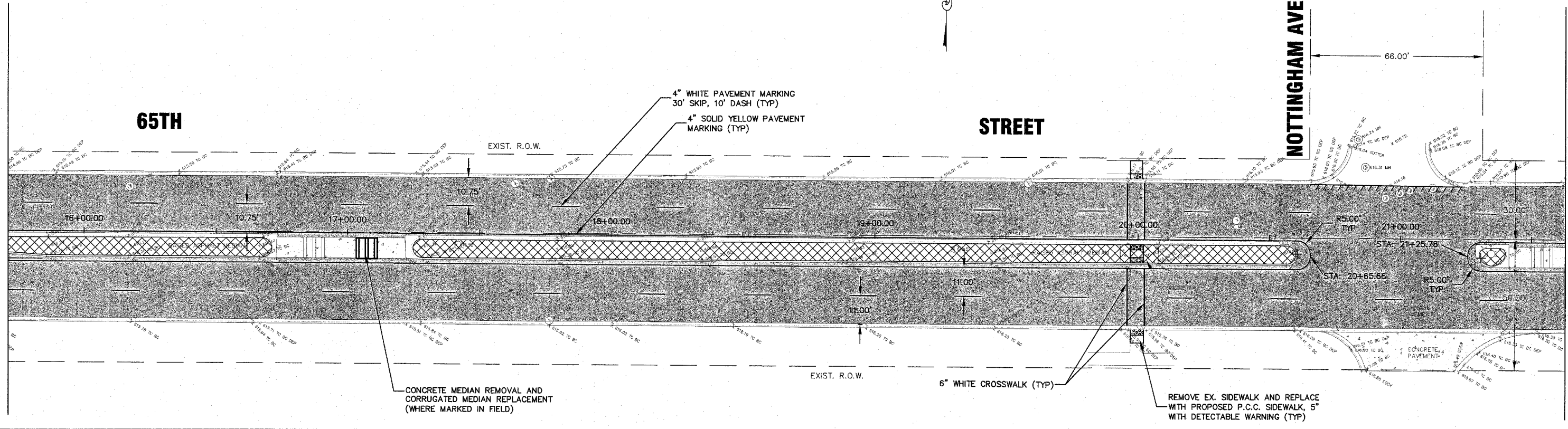
ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF BEDFORD PARK
 65TH STREET RESURFACING
 HARLEM AVE. TO AUSTIN AVE.
PLAN VIEW
 STA. 10+00.00 - STA. 15+72.45
 SCALE: 1" = 20'
 DATE: 12/28/07
 DRAWN BY: ECC
 CHECKED BY: SAL



MATCH LINE 15+72.45

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	5
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63018				

MATCH LINE 15+72.45



MATCH LINE 21+62.38

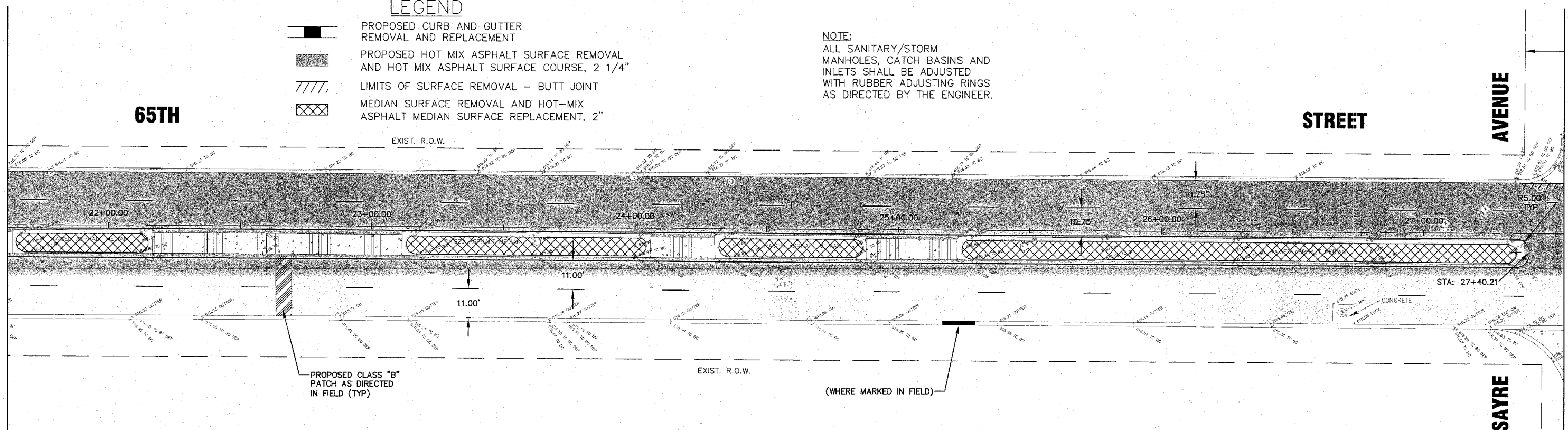
Consulting Civil Engineers - Land Surveyors
 PROFESSIONAL DESIGN FIRM LICENSE NO. 084-000819
 8714 S. ROBERTS ROAD HICKORY HILLS, ILLINOIS 60457
 (708) 599-9900 FAX (708) 599-9790

LEGEND

- PROPOSED CURB AND GUTTER REMOVAL AND REPLACEMENT
- PROPOSED HOT MIX ASPHALT SURFACE REMOVAL AND HOT MIX ASPHALT SURFACE COURSE, 2 1/4"
- LIMITS OF SURFACE REMOVAL - BUTT JOINT
- MEDIAN SURFACE REMOVAL AND HOT-MIX ASPHALT MEDIAN SURFACE REPLACEMENT, 2"

NOTE:
 ALL SANITARY/STORM MANHOLES, CATCH BASINS AND INLETS SHALL BE ADJUSTED WITH RUBBER ADJUSTING RINGS AS DIRECTED BY THE ENGINEER.

MATCH LINE 21+62.38



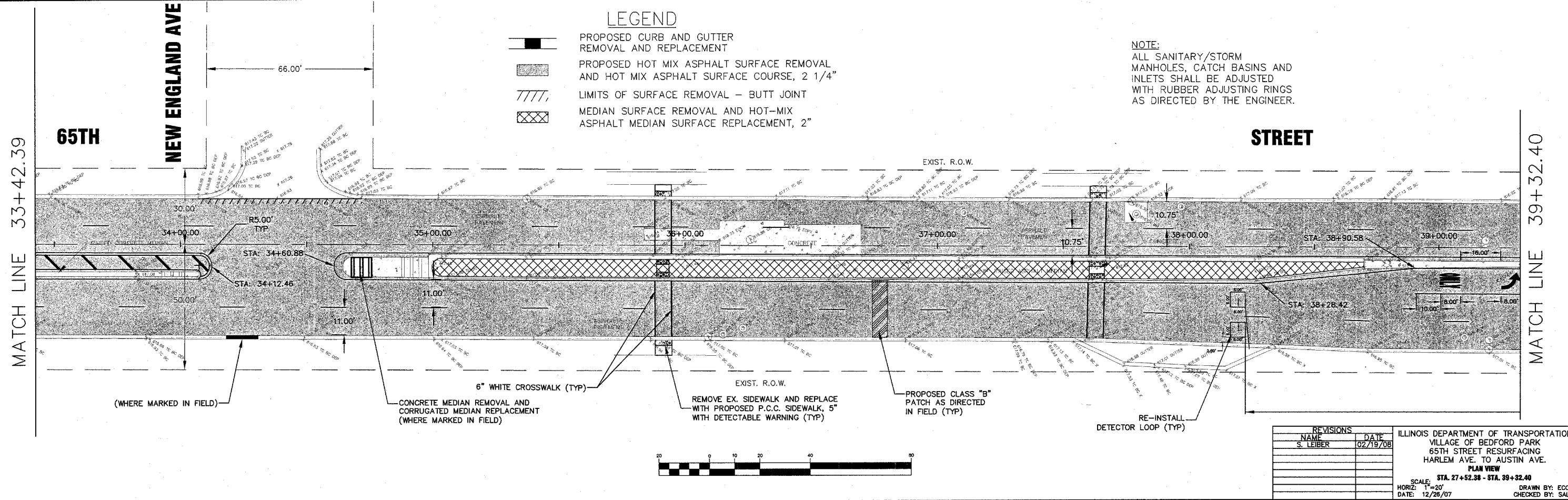
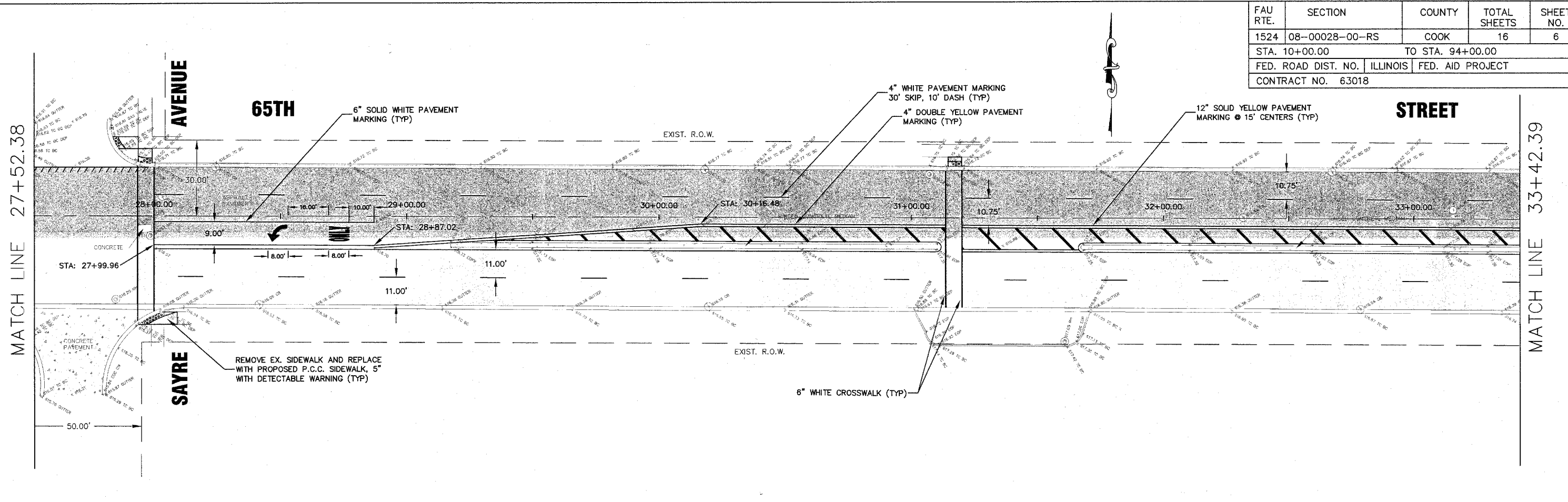
MATCH LINE 27+52.38



REVISIONS		DATE	DRAWN BY: ECC	CHECKED BY: SAL
NAME	DATE			
S. LEIBER	02/19/08			

ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF BEDFORD PARK
 65TH STREET RESURFACING
 HARLEM AVE. TO AUSTIN AVE.
PLAN VIEW
 SCALE: STA. 15+72.45 - STA. 27+52.38
 HORIZ: 1"=20'
 DATE: 12/26/07

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	6
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				

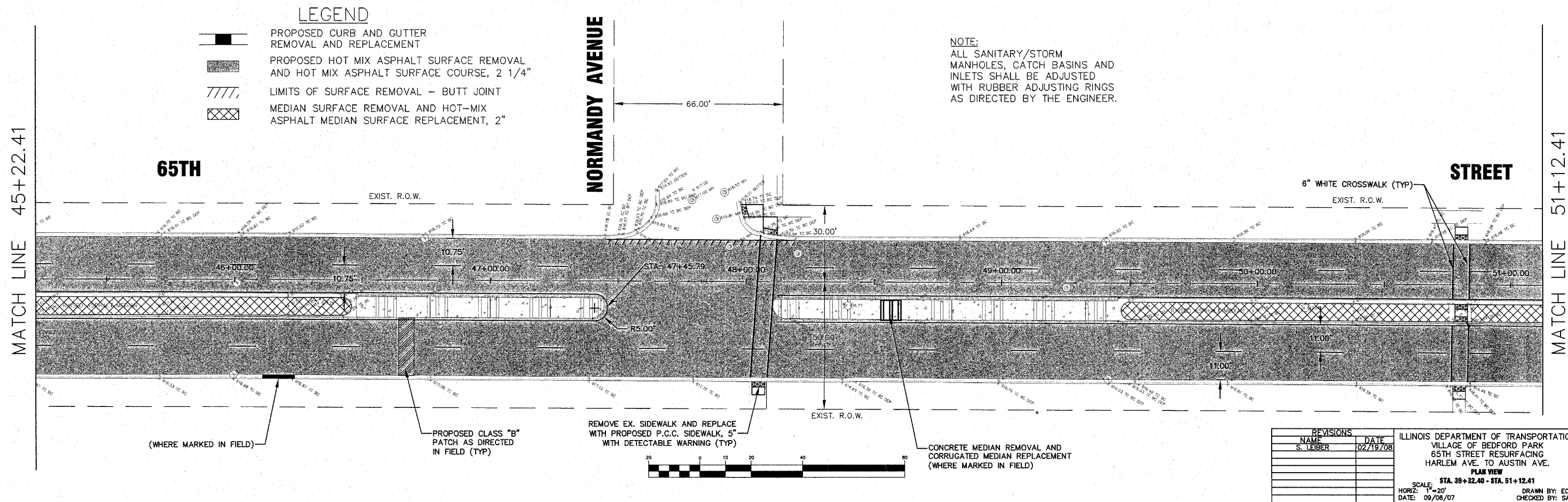
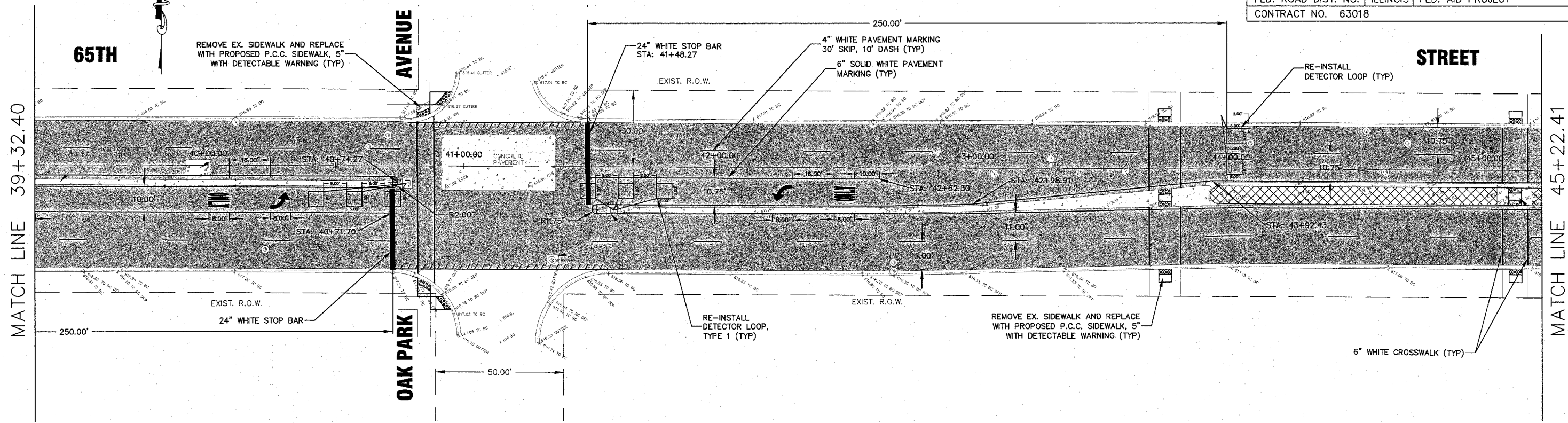


hbe Hoeffler-Butler Engineering, Inc.
 Consulting Civil Engineers - Land Surveyors
 PROFESSIONAL DESIGN FIRM LICENSE NO. 084-00889
 8714 S. ROBERTS ROAD HICKORY HILLS, ILLINOIS 60457
 (708) 595-8580 FAX (708) 599-9798

REVISIONS	
NAME	DATE
S. LEIBER	02/19/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF BEDFORD PARK
 65TH STREET RESURFACING
 HARLEM AVE. TO AUSTIN AVE.
PLAN VIEW
 STA. 27+52.38 - STA. 39+32.40
 SCALE: HORIZ: 1"=20'
 DATE: 12/26/07
 DRAWN BY: ECC
 CHECKED BY: SAL

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	7
STA. 10+00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				

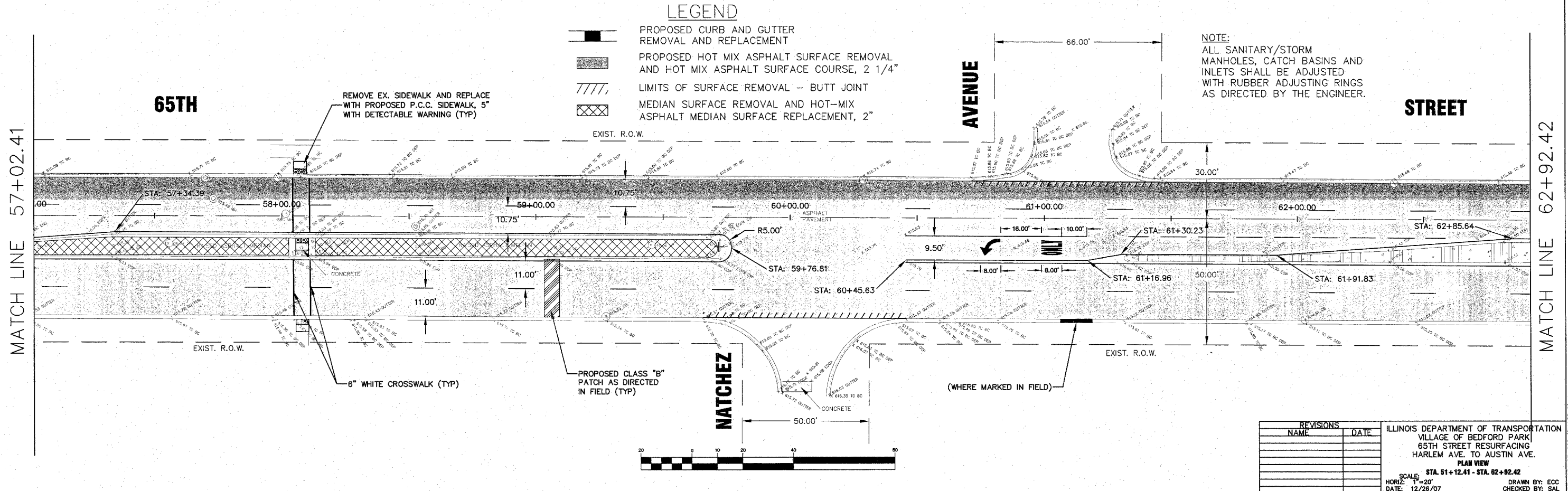
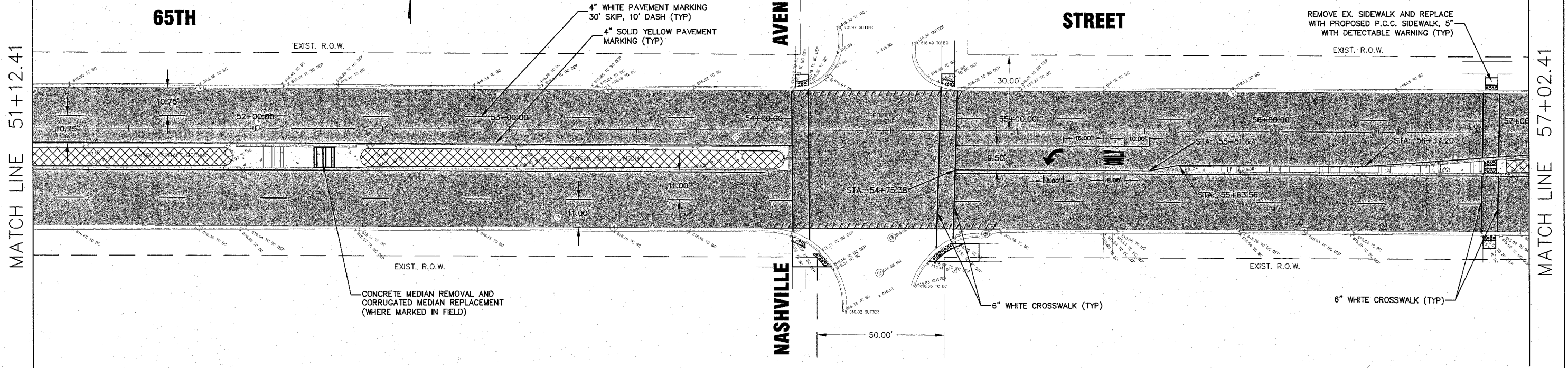


hbe Hoeffler-Butler Engineering, Inc.
 Consulting Civil Engineers - Land Surveyors
 PROFESSIONAL DESIGN FIRM LICENSE NO. 184-08869
 8714 S. ROBERTS ROAD WILCOXVILLE HILLS, ILLINOIS 60457
 (708) 599-6988 FAX (708) 599-6796

REVISIONS	
NAME	DATE
S. LEIBER	02/19/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF BEDFORD PARK
 65TH STREET RESURFACING
 HARLEM AVE. TO AUSTIN AVE.
 PLAN VIEW
 STA. 39+32.40 - STA. 51+12.41
 SCALE: 1"=20'
 HORIZ: 1"=20'
 DATE: 09/06/07
 DRAWN BY: ECC
 CHECKED BY: SAL

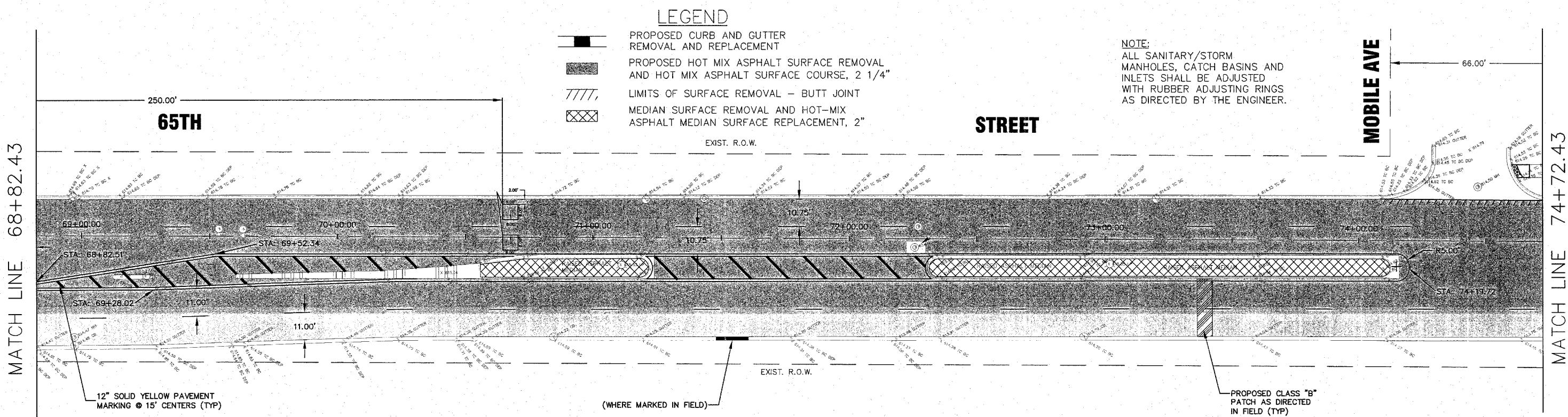
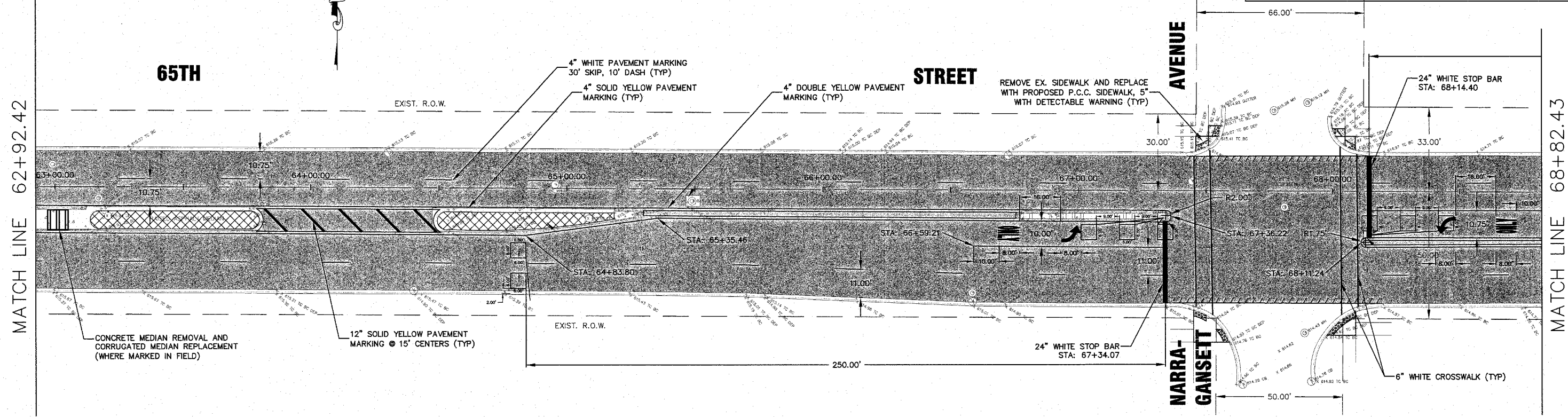
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	8
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63018				



hbe Hoeffler-Butler Engineering, Inc.
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 8714 S. ROBERTS ROAD HICKORY HILLS, ILLINOIS 60457
 (708) 599-8980 FAX (708) 599-8790

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF BEDFORD PARK 65TH STREET RESURFACING HARLEM AVE. TO AUSTIN AVE. PLAN VIEW SCALE: STA. 51+12.41 - STA. 62+92.42 HORIZ. 1"=20' DATE: 12/26/07	DRAWN BY: ECC CHECKED BY: SAL
NAME	DATE		

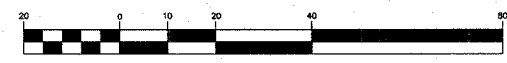
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	9
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				



LEGEND

- PROPOSED CURB AND GUTTER REMOVAL AND REPLACEMENT
- PROPOSED HOT MIX ASPHALT SURFACE REMOVAL AND HOT MIX ASPHALT SURFACE COURSE, 2 1/4"
- LIMITS OF SURFACE REMOVAL - BUTT JOINT
- MEDIAN SURFACE REMOVAL AND HOT-MIX ASPHALT MEDIAN SURFACE REPLACEMENT, 2"

NOTE:
ALL SANITARY/STORM MANHOLES, CATCH BASINS AND INLETS SHALL BE ADJUSTED WITH RUBBER ADJUSTING RINGS AS DIRECTED BY THE ENGINEER.



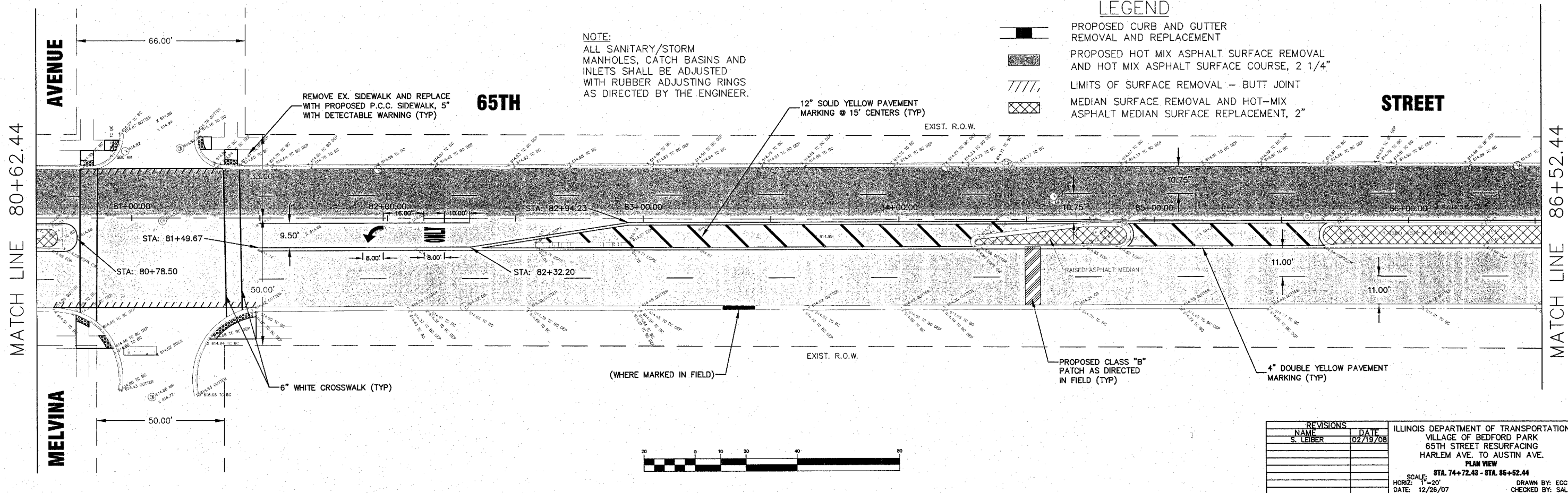
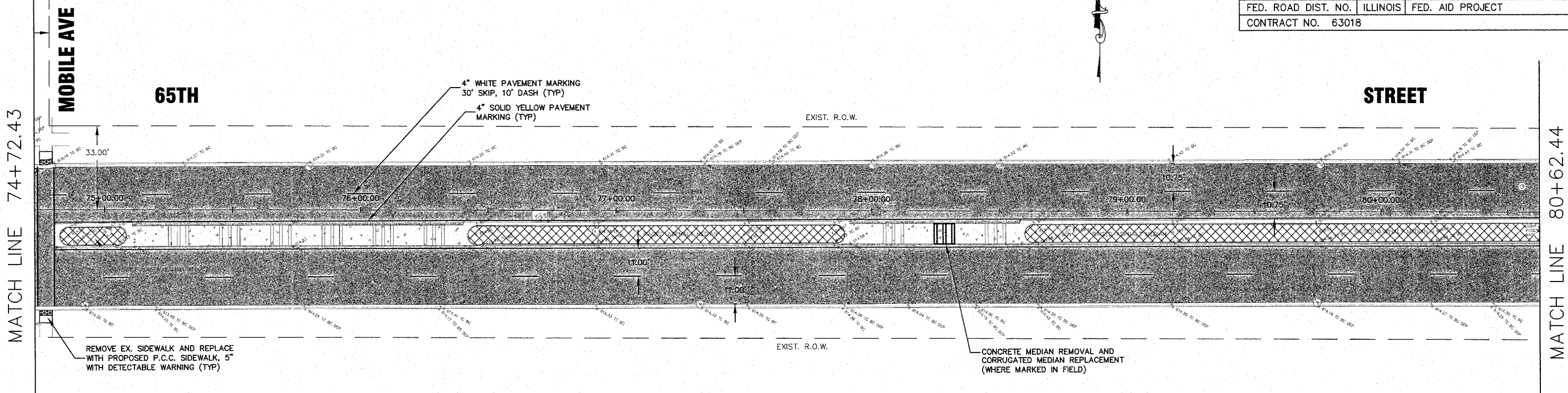
REVISIONS	
NAME	DATE
S. LEIBER	02/19/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF BEDFORD PARK
65TH STREET RESURFACING
HARLEM AVE. TO AUSTIN AVE.
PLAN VIEW
SCALE: STA. 62+92.42 - STA. 74+72.43
HORIZ: 1"=20'
DATE: 12/28/07
DRAWN BY: ECC
CHECKED BY: SAL

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PHASE 2 OF 3: 02/19/08 11:41:13 AM 11/11/08 11:41:13 AM

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	10
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				

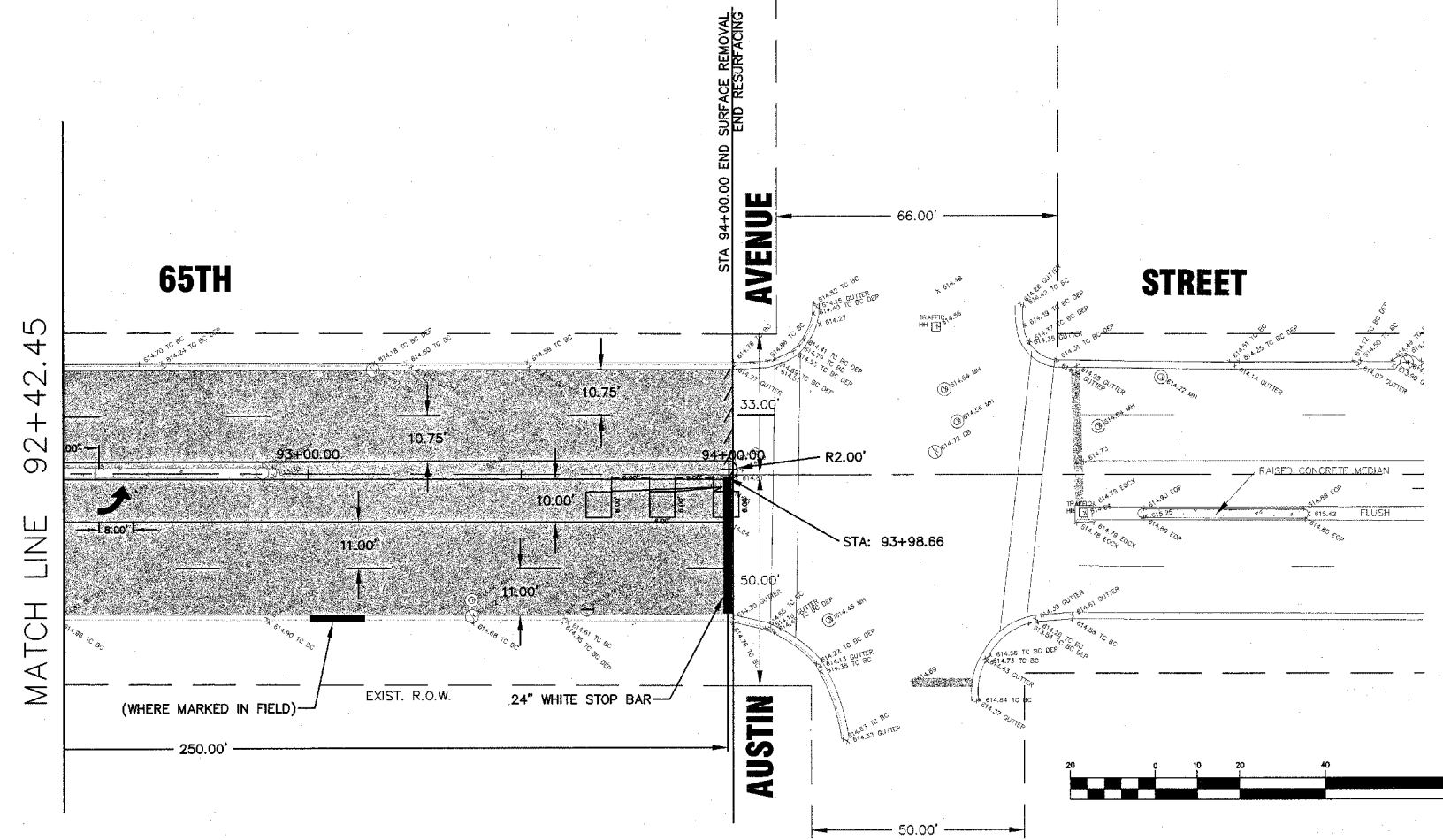
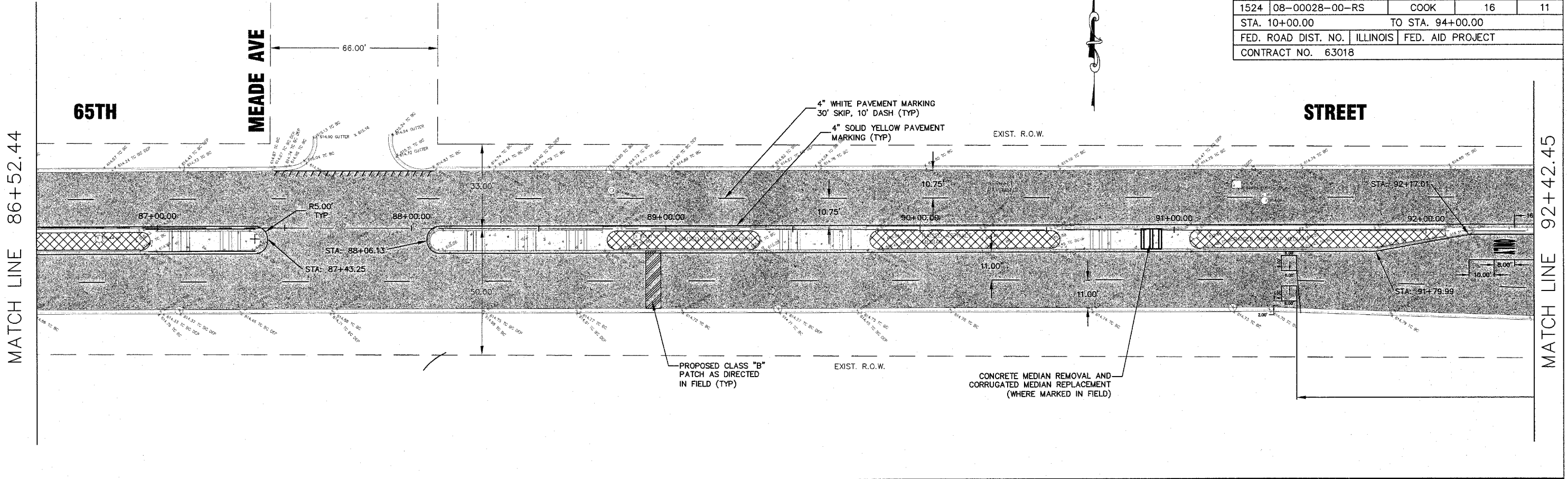


REVISIONS		DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF BEDFORD PARK 65TH STREET RESURFACING HARLEM AVE. TO AUSTIN AVE. PLAN VIEW SCALE: STA. 74+72.43 - STA. 86+52.44 HORIZ: 1"=20' DATE: 12/26/07
NAME			
S. LEIBER		02/19/08	DRAWN BY: ECC CHECKED BY: SAL

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HBE-09-07-515 (PHASE 2)

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	11
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				



LEGEND

- PROPOSED CURB AND GUTTER REMOVAL AND REPLACEMENT
- PROPOSED HOT MIX ASPHALT SURFACE REMOVAL AND HOT MIX ASPHALT SURFACE COURSE, 2 1/4"
- LIMITS OF SURFACE REMOVAL - BUTT JOINT
- MEDIAN SURFACE REMOVAL AND HOT-MIX ASPHALT MEDIAN SURFACE REPLACEMENT, 2"

NOTE:
 ALL SANITARY/STORM MANHOLES, CATCH BASINS AND INLETS SHALL BE ADJUSTED WITH RUBBER ADJUSTING RINGS AS DIRECTED BY THE ENGINEER.

PAVEMENT MARKING NOTES:
 1) THERMOPLASTIC PAVEMENT MARKING SHALL BE INSTALLED ON BITUMINOUS PAVEMENT ONLY

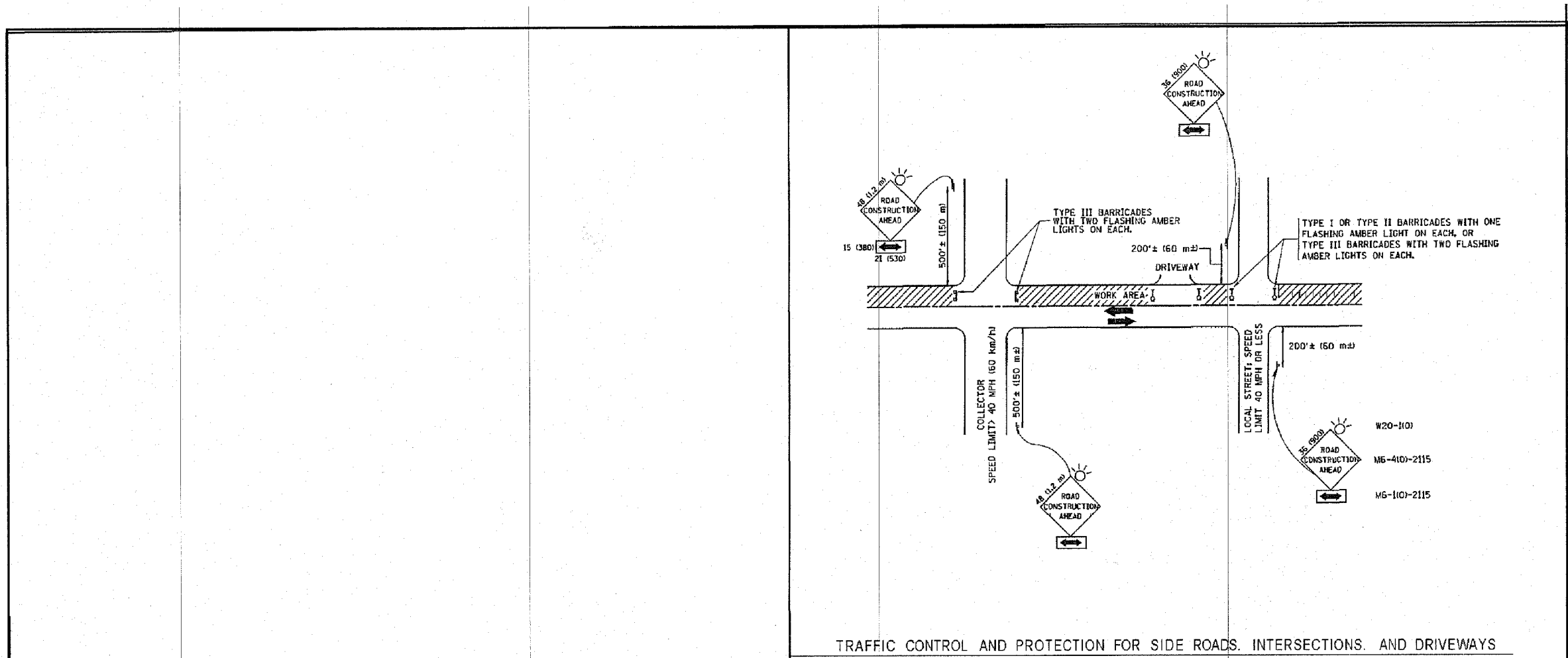
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF BEDFORD PARK 65TH STREET RESURFACING HARLEM AVE. TO AUSTIN AVE. PLAN VIEW SCALE: STA. 86+52.44 - STA. 94+00.00 HORIZ: 1"=20' DATE: 12/26/07
NAME	DATE	
S. LEIBER	02/19/08	DRAWN BY: ECC CHECKED BY: SAL

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HBE JOB# 07-505 (PAGE 2)

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	12
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				



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

NOTES:

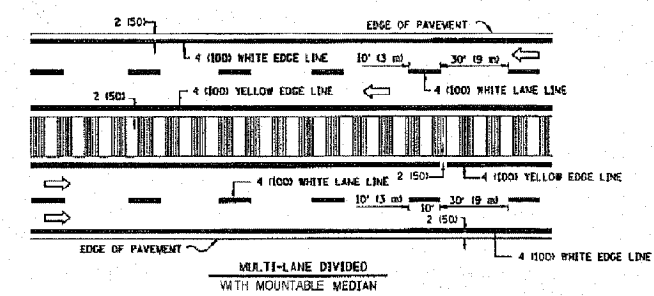
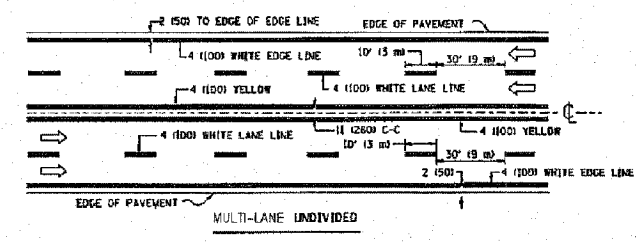
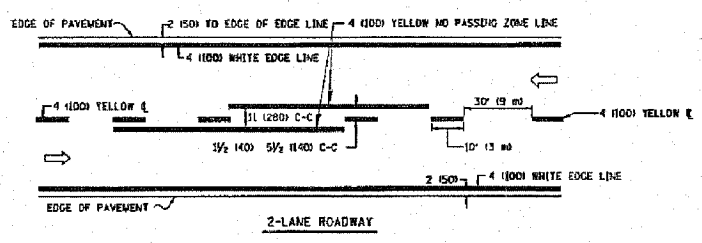
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED 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.
- 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 38 x 38 (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 (11.2 m x 11.2 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 (W-6-U) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (W-6-D).

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

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 (708) 599-8988 FAX (708) 599-8770

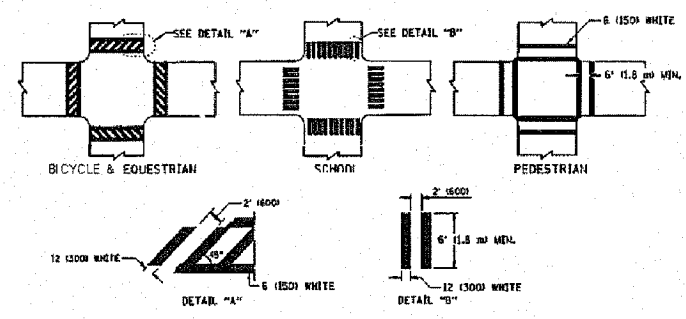
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		DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-10	CONTRACT NO.			
		CHECKED -	REVISED - A. HOUSEH 10-15-96						FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
		PLT DATE = 1/4/2008	DATE = 06-09		REVISED - T. RAMMACKER 01-06-00								

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	13
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				

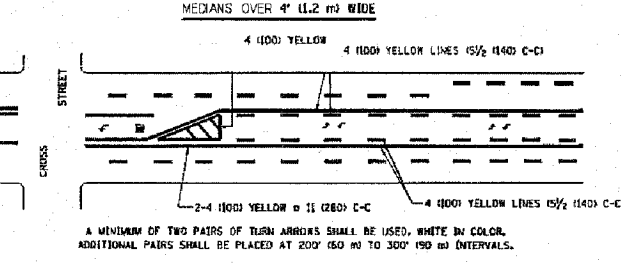
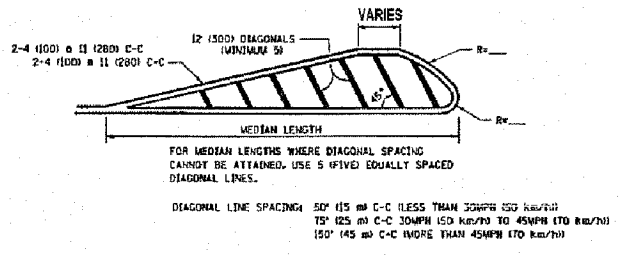
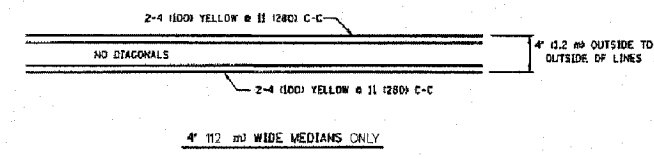


NOTE, MEDIANS WITH BARRIER CURBS DO NOT REQUIRE AN EDGE LINE

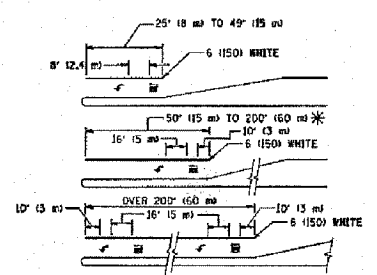
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



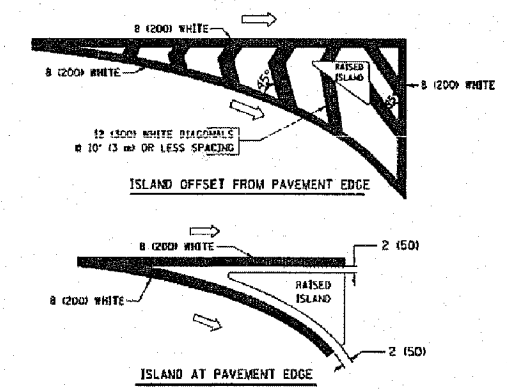
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 6" 12.4 m AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ; 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



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAYEMENT	4 1000	SKIP-DASH	YELLOW	10' 13 m LINE WITH 30' 19 m SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAYEMENT	2 @ 4 1000	SOLID	YELLOW	11 1200 C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 1000 2 @ 4 1000	SOLID SOLID	YELLOW YELLOW	5 1/2 (14.1) C-C FROM SKIP-DASH CENTERLINE 11 1200 C-C ONLY SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 1000 5 1/2 1100 ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' 13 m LINE WITH 30' 19 m SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	4 1000	SKIP-DASH	WHITE	SAME AS LINE BEING EXTENDED
EDGE LINES	4 1000	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 1150 (LINE) FULL SIZE LETTERS & SYMBOLS 18" (457mm)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL.
TWO WAY LEFT TURN MARKING	2 @ 4 1000 EACH DIRECTION 8' 12.4m LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' 13 m LINE WITH 30' 19 m SPACE FOR SKIP-DASH 5 1/2 (14.1) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL.
CROSSWALK LINES (PEDESTRIAN & BICYCLE & EQUESTRIAN)	2 @ 6 1150 12 1300 @ 45° 12 1300 @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' 11.8 m APART 2' 1600 APART 2' 1600 APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 1600	SOLID	WHITE	PLACE 4' 11.2 m IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE PLACE AT USUAL STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 1000 WITH 12 1300 DIAGONALS @ 45°	SOLID	YELLOW TWO WAY TRAFFIC WHITE ONE WAY TRAFFIC	11 1200 C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	6 1200 WITH 12 1300 DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' 14.5 m C-C (LESS THAN 30MPH 150 km/h) 20' 16 m C-C 30MPH 150 km/h TO 45MPH 170 km/h 30' 19 m C-C (OVER 45MPH 170 km/h)
RAILROAD CROSSING	24 1600 TRANSVERSE LINES "RR" IS 6' 11.8 m LETTERS 16 1400 LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 180001 AREA OF "X" IS 30.0 SQ. FT. (2.8 m²) EACH "X" IS 54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 1300 @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' 11.5 m C-C (LESS THAN 30MPH 150 km/h) 75' 12.5 m C-C 30 MPH 150 km/h TO 45MPH 170 km/h 150' 14.5 m C-C (OVER 45MPH 170 km/h)

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 180001.

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

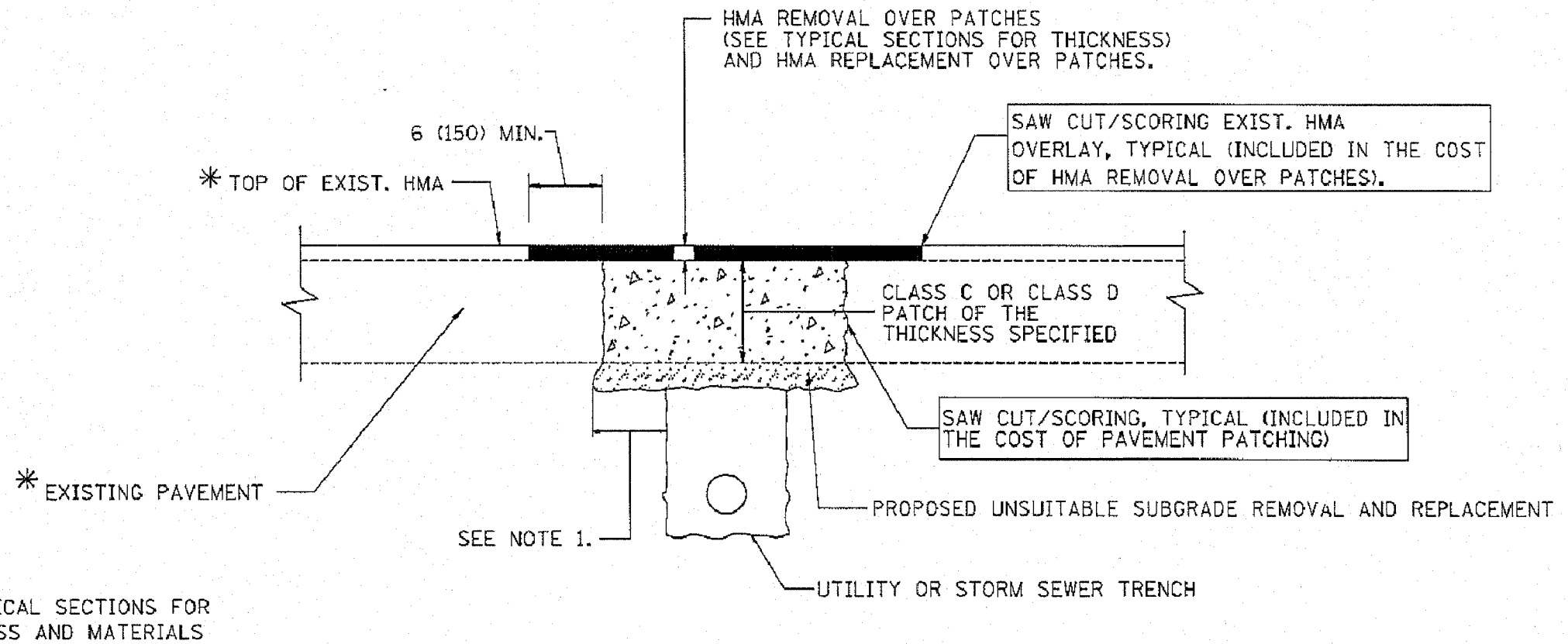
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 8714 S. ROBERTS ROAD HICKEY HILLS, ILLINOIS 60427
 (708) 599-8960 FAX (708) 599-8750

FILE NAME = M:\data\22-34\1013.dgn	USER NAME = gogginak	DESIGNED = EVERS	REVISED -T, RAMWACHER 10-27-94
		DRAWN =	REVISED -A, HOUSEN 10-09-96
		CHECKED =	REVISED -A, HOUSEN 10-17-96
		DATE = 03-19-90	REVISED -T, RAMWACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS					
SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA.	TO STA.	
		FD-13		CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	14
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				



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.

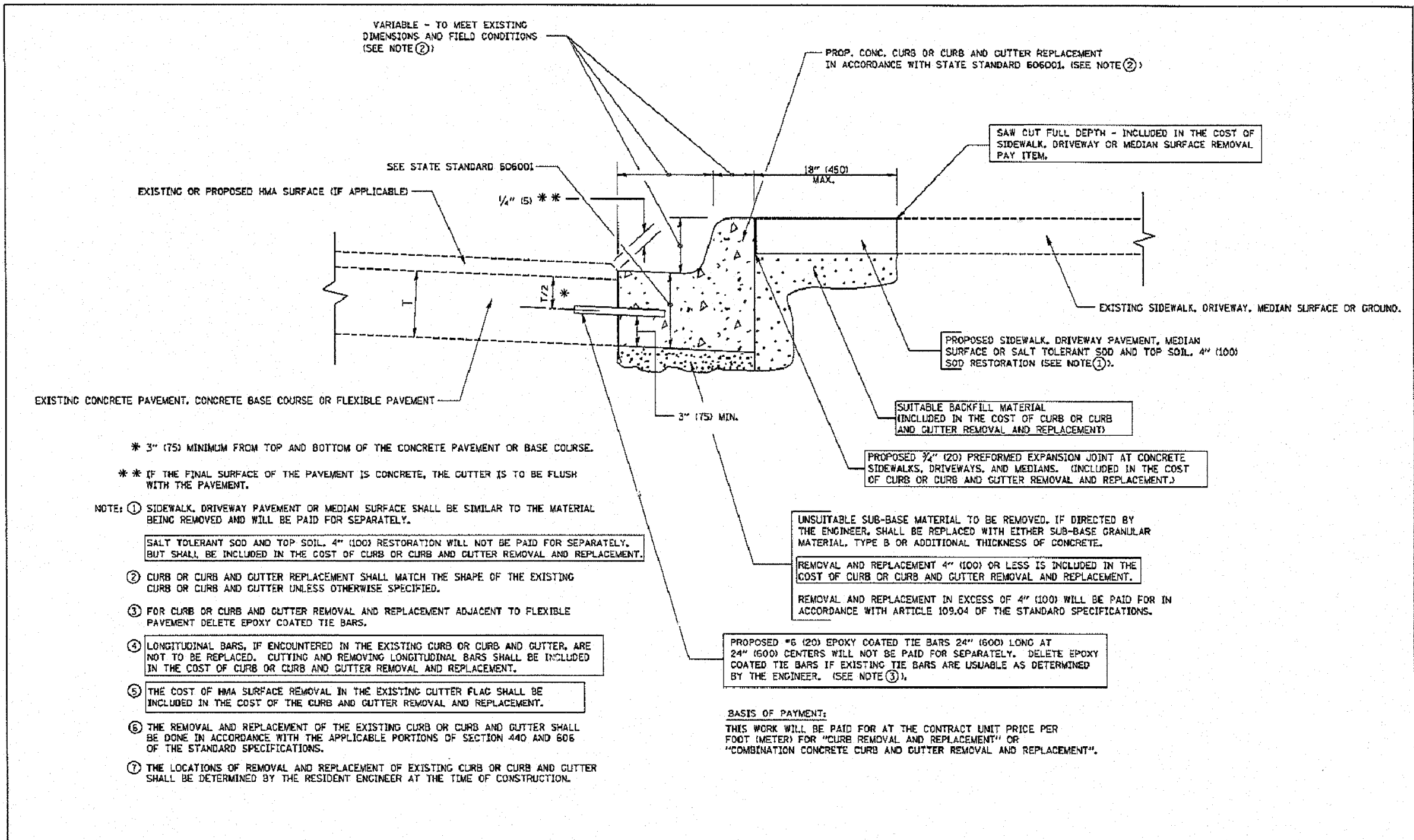
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
14/08/04/02/04/02/04	gplianeb	R. CRAN	A. ABBAS 04-20-08			08-00028-00-RS	COOK	16	14	
PLLOT SCALE = 1/4" = 1'-0"	CHECKED -	R. DORR 01-01-07	R. DORR 01-01-07			CONTRACT NO.				
PLLOT DATE = 1/4/2008	DATE -	10-25-04	R. DORO 09-04-07			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	15
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

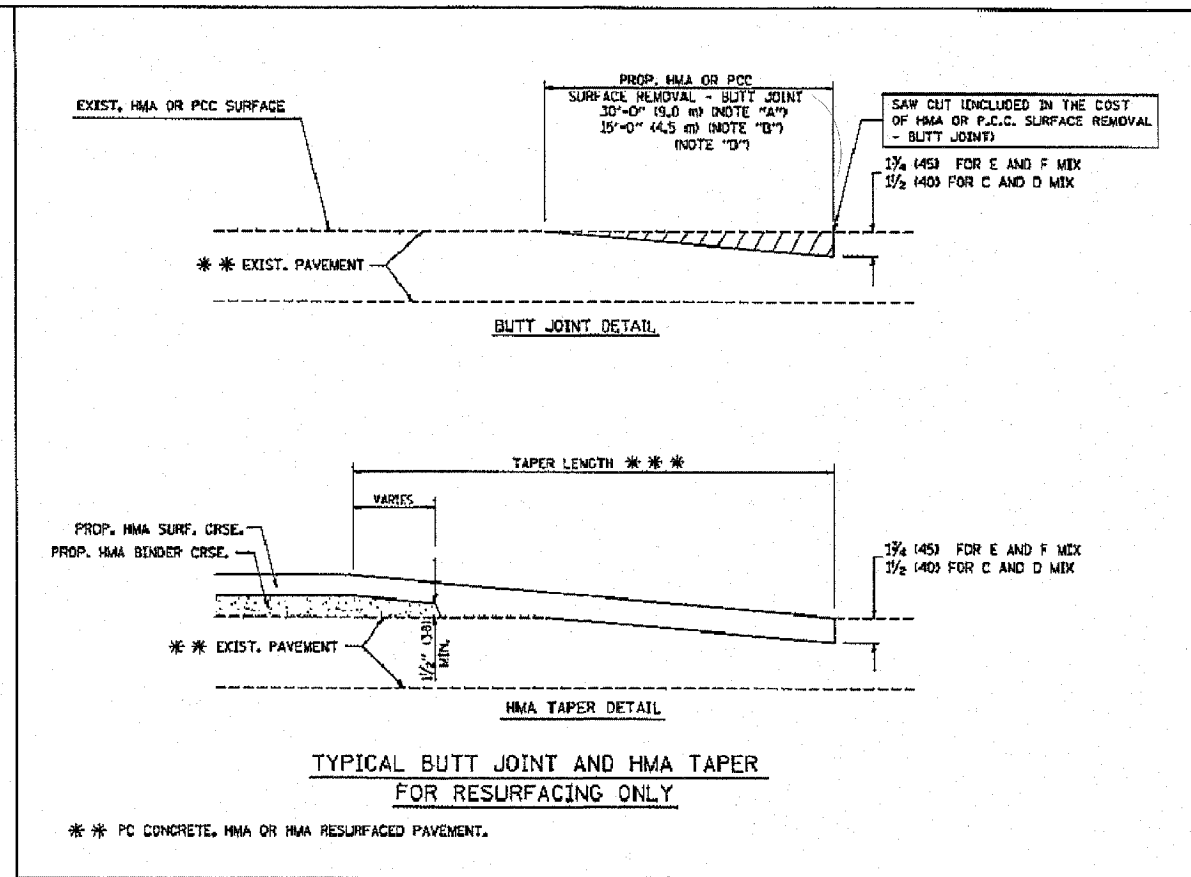
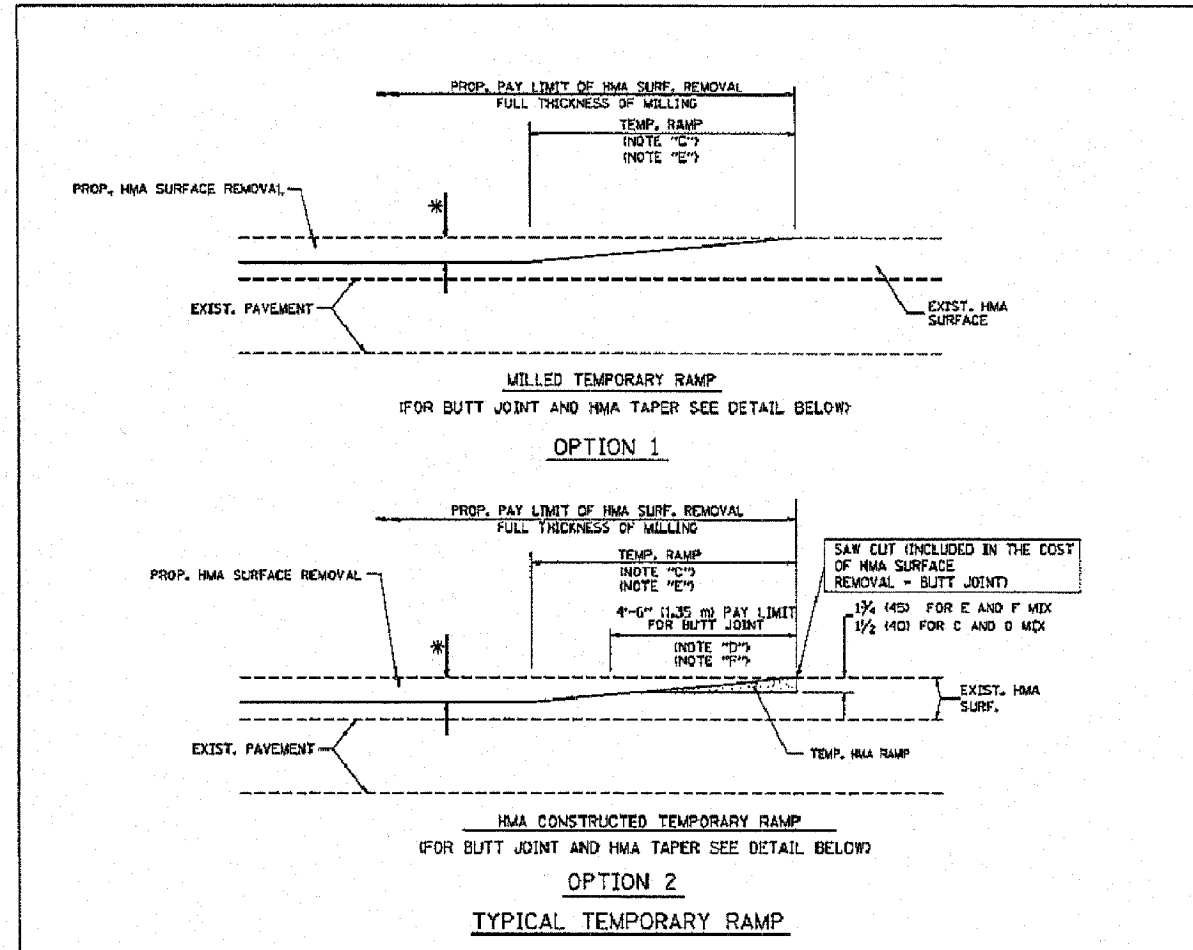
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

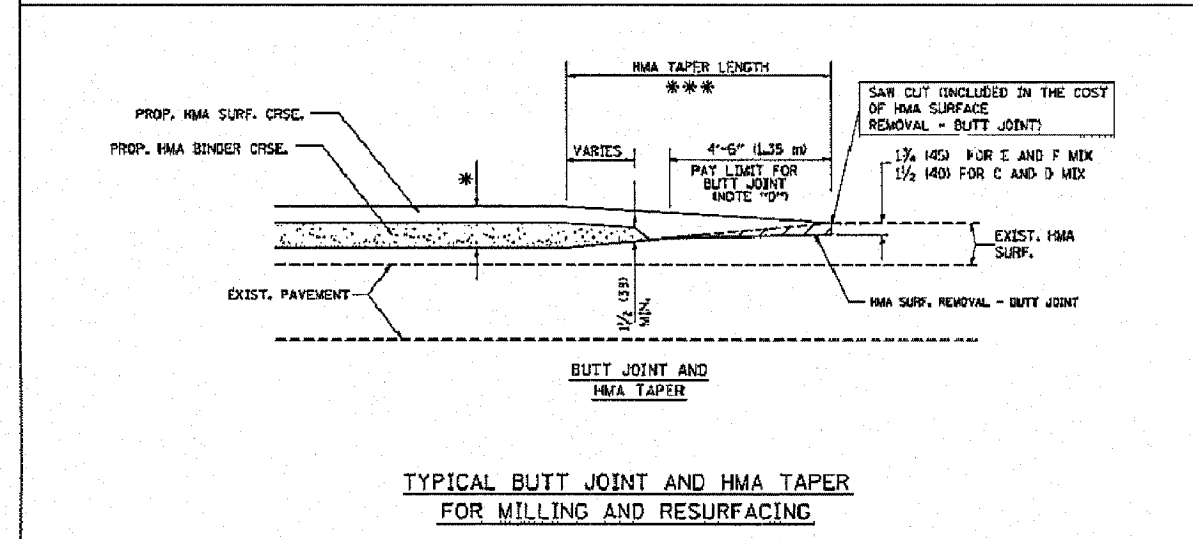
FILE NAME *	USER NAME *	DESIGNED - A. ROUSEN	REVISED - R. SMAN 10-03-96	STATE OF ILLINOIS	CURB OR CURB AND GUTTER	FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\projects\22-04\22-04.dwg	agil@state.gov	DRAWN -	REVISED - A. ARBAS 03-21-97	DEPARTMENT OF TRANSPORTATION	REMOVAL AND REPLACEMENT	1524	08-00028-00-RS	COOK	16	15
PLLOT SCALE * 1/4" = 1'-0"	CHECKED -	DATE - 03-11-94	REVISED - M. DOMEZ 01-22-01			ED 080-06 (8D-24)		CONTRACT NO.		
PLLOT DATE * 1/4/2008	DATE -	REVISED - R. BORO 01-01-07				FED. ROAD DIST. NO. 1524		ILLINOIS FED. AID PROJECT		

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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1524	08-00028-00-RS	COOK	16	16
STA. 10+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63018				



- 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")
- 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".



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

FILE NAME: M:\projects\08-00028-00-RS\02.dwg	USER NAME: gogianot	DESIGNED - W. DE VONG	REVISED - R. SHAN 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED - A. ABDAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED - M. DOMEX 04-05-01						08-00028-00-RS		CONTRACT NO.	
		DATE - 06-13-90	REVISED - R. DORO 01-08-07						FED. ROAD DIST. NO. 1524		ILLINOIS	

hbe
Hoefler-Butler Engineering, Inc.
 Consulting Civil Engineers - Land Surveyors
 PROFESSIONAL DESIGN FIRM LICENSE NO. 184-08819
 874 S. ROBERTS ROAD HICKORY HILLS, ILLINOIS 60147
 (708) 599-6980 FAX (708) 599-8798