

INDEX OF SHEETS

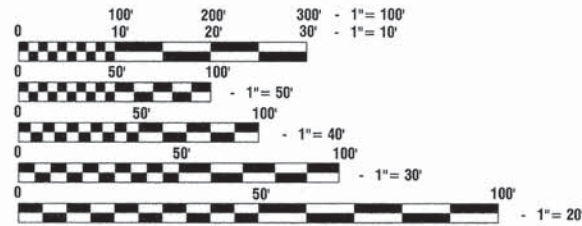
1. COVER SHEET, INDEX OF SHEETS & STATE STANDARDS
2. SUMMARY OF QUANTITIES & GENERAL NOTES
3. TYPICAL CROSS SECTIONS
- 4.-7. PAVEMENT PLANS
- 8.-11. PAVEMENT MARKING PLANS
- 12.-17. IDOT DISTRICT 1 STANDARD DETAILS

HIGHWAY STANDARDS

- |           |   |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS                 |
| 424001-08 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS                        |
| 424006-02 | DIAGONAL CURB RAMPS FOR SIDEWALKS                             |
| 424011-02 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS                      |
| 424016-02 | MID-BLOCK CURB RAMPS FOR SIDEWALKS                            |
| 424021-03 | DEPRESSED CORNER FOR SIDEWALKS                                |
| 424026-01 | ENTRANCE / ALLY PEDESTRIAN CROSSINGS                          |
| 442201-03 | CLASS C AND D PATCHES   |
| 606001-06 | CONCRETE CURB TYPE AND COMBINATION CURB AND GUTTER            |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED                         |
| 701701-09 | URBAN LANE CLOSURE, MULTILANE INTERSECTION                    |
| 701801-05 | SIDEWALK, CORNER OR CROSSWALK CLOSURE                         |
| 701901-04 | TRAFFIC CONTROL DEVICES                                       |
| 729001-01 | APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS) |
| 780001-05 | TYPICAL PAVEMENT MARKINGS                                     |

	<u>CENTRAL AVENUE</u>
2010 ADT -	2,150
2040 ADT -	2,150
POSTED SPEED LIMIT -	30 mph
DESIGN PERIOD -	20 YEARS
DESIGN SPEED LIMIT -	30 mph
STREET CLASSIFICATION -	URBAN COLLECTOR

SCALES  
 PLAN - 1"=50'  
 PROFILE HORIZ. - 1"=50'  
 PROFILE VERT. - 1"=5'  
 CROSS SECTIONS - 1"=10'



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.

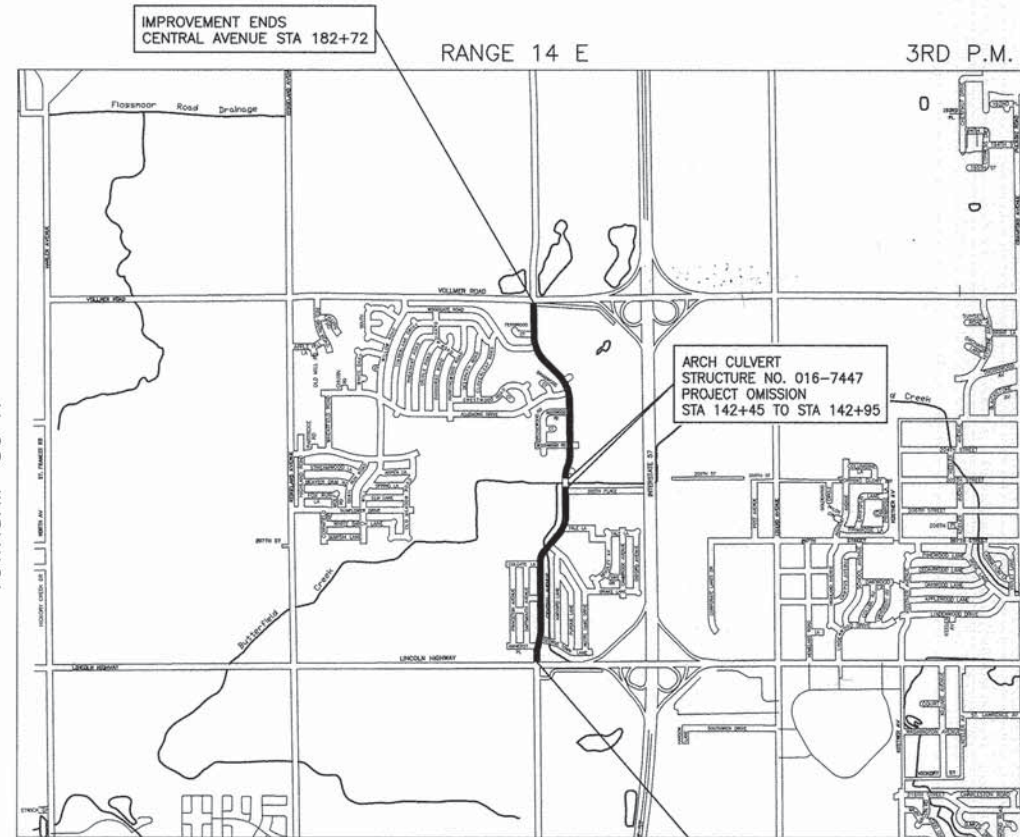
J. U. L. I. E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123 or 811

CONTRACT NO. 61B51

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
 FEDERAL AID HIGHWAY

FAU 2795 (CENTRAL AVENUE RESURFACING)  
 FAP 353 (US ROUTE 30/LINCOLN HIGHWAY)  
 TO FAU 1629 (VOLLMER ROAD)  
 SECTION NO.: 04-00051-00-PV  
 PROJECT NO.: M-8003(627)  
 VILLAGE of MATTESON,  
 COOK COUNTY  
 JOB NO.: C-91-298-06

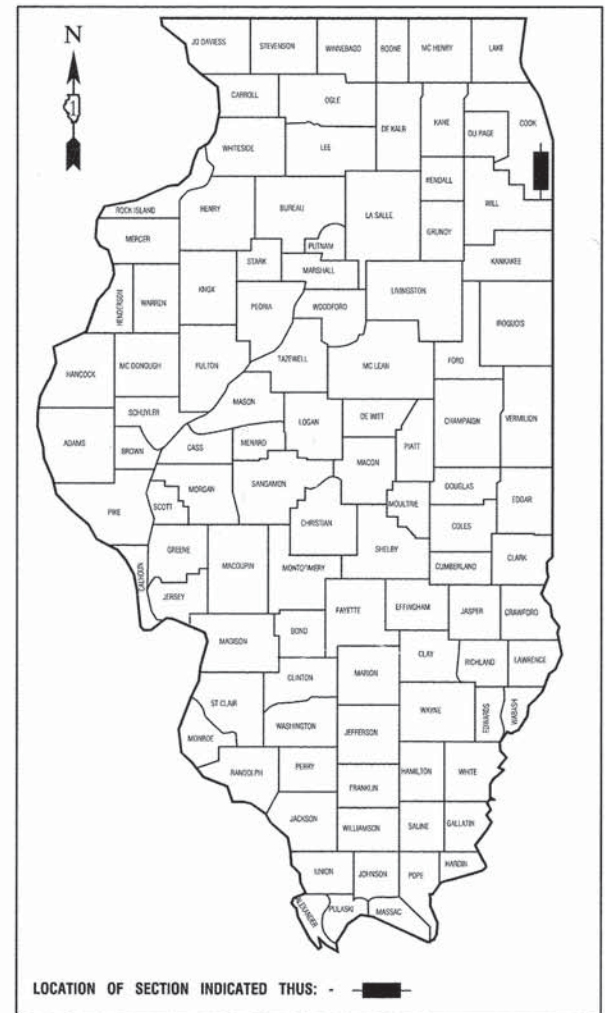


LOCATION MAP

GROSS LENGTH= 8,132 FEET= 1.54 MILES  
 NET LENGTH= 8,132 FEET= 1.54 MILES

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	01
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	M-8003(627)	

CONTRACT #61B51



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

Approved: \_\_\_\_\_  
 Mayor, Village of MATTESON.

Passed: April 8, 2015  
 \_\_\_\_\_  
 District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: April 8, 2015  
 \_\_\_\_\_  
 Deputy Director of Highways, Region 1 Engineer

PRINTED BY THE AUTHORITY OF  
 THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:  
  
2/20/2015  
 ERNEST R. ROBERTS  
 062-056330  
 LICENSED PROFESSIONAL ENGINEER  
 STATE OF ILLINOIS  
 LICENSE EXPIRES: 11/30/15

I.D.O.T. FEDERAL AID DESIGN ENGINEER: FAWAD AQUEEL, P.E. 847-705-4021, SCHAMBURG, IL  
 CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005	TRAINEES 0042
	31101200	SUBBASE GRANULAR MATERIAL, TY B 4"	SQ YD	383	383	
*	40600275	BITUMINOUS MATERIAL (PRIME COAT)	POUND	15900	15900	
	40600827	POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50	TON	1980	1980	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	315	315	
	40603335	HOT-ASPHALT SURFACE COURSE, MIX "D", N50	TON	2970	2970	
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	SQ YD	1003	1003	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	7101	7101	
*	42400800	DETECTABLE WARNINGS	SQ FT	504	504	
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	35333	35333	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	4194	4194	
	44000600	SIDEWALK REMOVAL	SQ FT	4631	4631	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	16500	16500	
	44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	9	9	
	44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	18	18	
	44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	66	66	
	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	101	101	
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	42	42	
	X6030310	FRAMES AND LIDS TO BE ADJUSTED, SPECIAL	EACH	12	12	
	60609500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	16500	16500	
	67100100	MOBILIZATION	L SUM	1	1	
	70102620	TRAFFIC CONTROL & PROTECTION, STANDARD 701501	L SUM	1	1	
	70102635	TRAFFIC CONTROL & PROTECTION, STANDARD 701701	L SUM	1	1	
	70102640	TRAFFIC CONTROL & PROTECTION, STANDARD 701801	L SUM	1	1	

\* - INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005	TRAINEES 0042
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	360	360	
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	120	120	
	72000200	SIGN PANEL - TYPE 2	SQ FT	178	178	
	72900200	METAL POST-TYPE B	FOOT	214	214	
△	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	420	420	
△	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22000	22000	
△	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2156	2156	
△	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	198	198	
△	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	265	265	
△	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	240	240	
*	X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	69	69	
*	XX006344	SEEDING (COMPLETE)	SQ YD	3975	3975	
*	Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	3191	3191	
*	Z0076600	TRAINEES	HOURL	500		500
*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500		500

\* - INDICATES SPECIAL PROVISION

△ SPECIALTY ITEMS

**GENERAL NOTES**

- BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 AND (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED)
- UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTORS USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITY INFORMATION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- SCHEDULES INCLUDED IN THE PLANS HAVE BEEN PREPARED FROM FIELD NOTES. EXACT LOCATIONS FOR PATCHING SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE THICKNESS OF HMA MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA SURFACE IS PLACED.
- ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES BY LIMITING CURB AND GUTTER REPAIR TO ONE-HALF THE DRIVEWAY WIDTH AT ONE TIME AS WELL AS TEMPORARY AGGREGATE.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SHALL BE REMOVED BY THE END OF EACH DAY BY THE CONTRACTOR AT THEIR EXPENSE.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON RIGHT OF WAY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

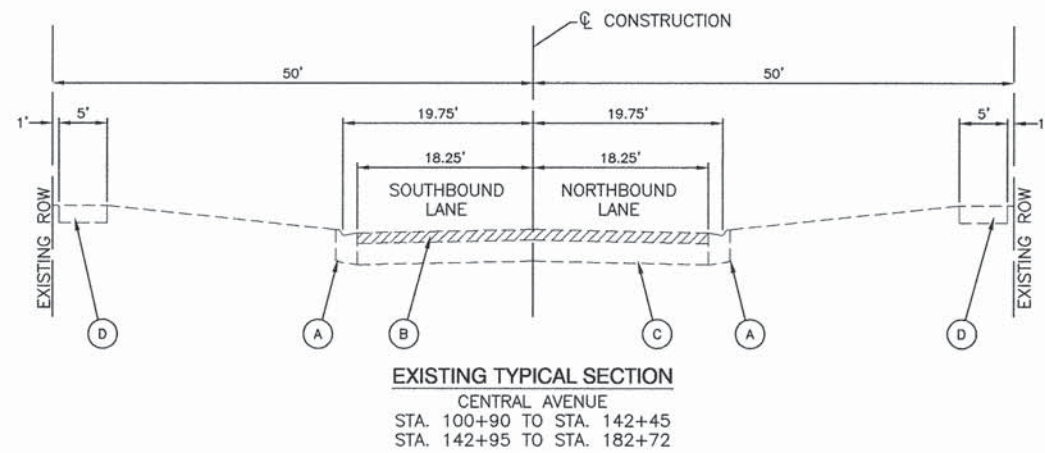
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PLOT DATE = 12/08/14	DRAWN -- KM	REVISED --
	CHECKED -- ACAD	REVISED --

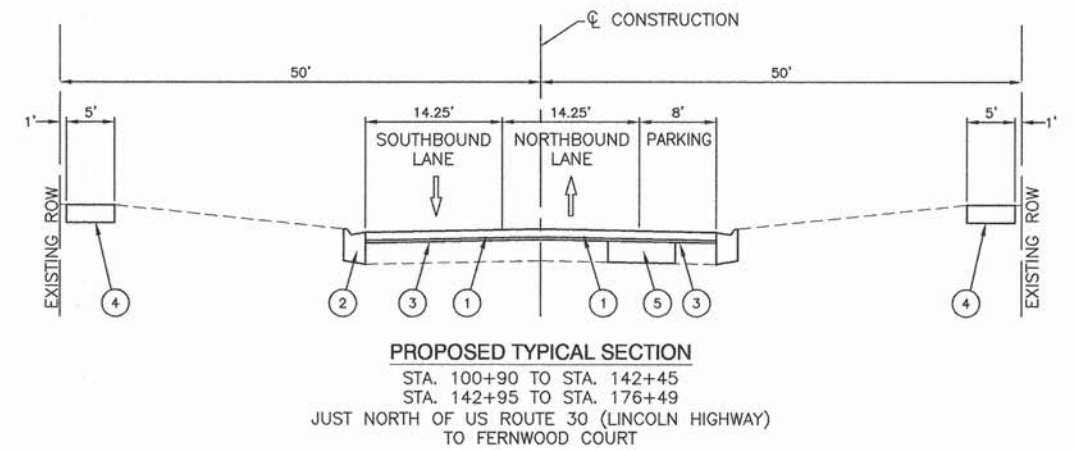
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CENTRAL AVENUE RESURFACING  
LINCOLN HIGHWAY TO VOLLMER ROAD  
SUMMARY OF QUANTITIES

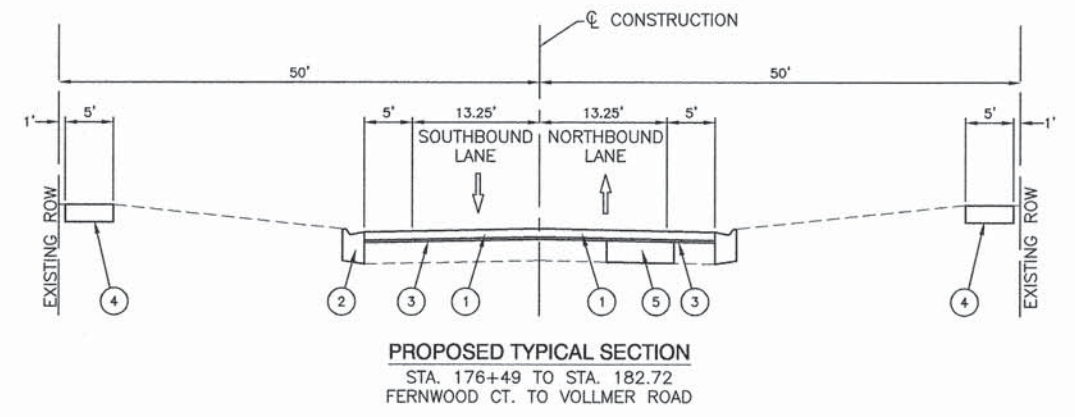
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CONTRACT NO. 61B51							
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8003(627)							



- LEGEND**
- (A) COMBINATION CONCRETE CURB AND GUTTER REMOVAL
  - (B) HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4"
  - (C) BITUMINOUS BASE COURSE TO REMAIN, 8"
  - (D) P.C. CONCRETE SIDEWALK



**PROJECT OMISSION**  
STA. 142+45 TO STA. 142+95



- LEGEND**
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1-1/2"
  - (2) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" (MIN.)
  - (4) P.C.C. SIDEWALK, 5" AS SHOWN ON PLANS
  - (5) CLASS D PATCH, 8" LOCATIONS TO BE DETERMINED IN FIELD BY THE ENGINEER

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

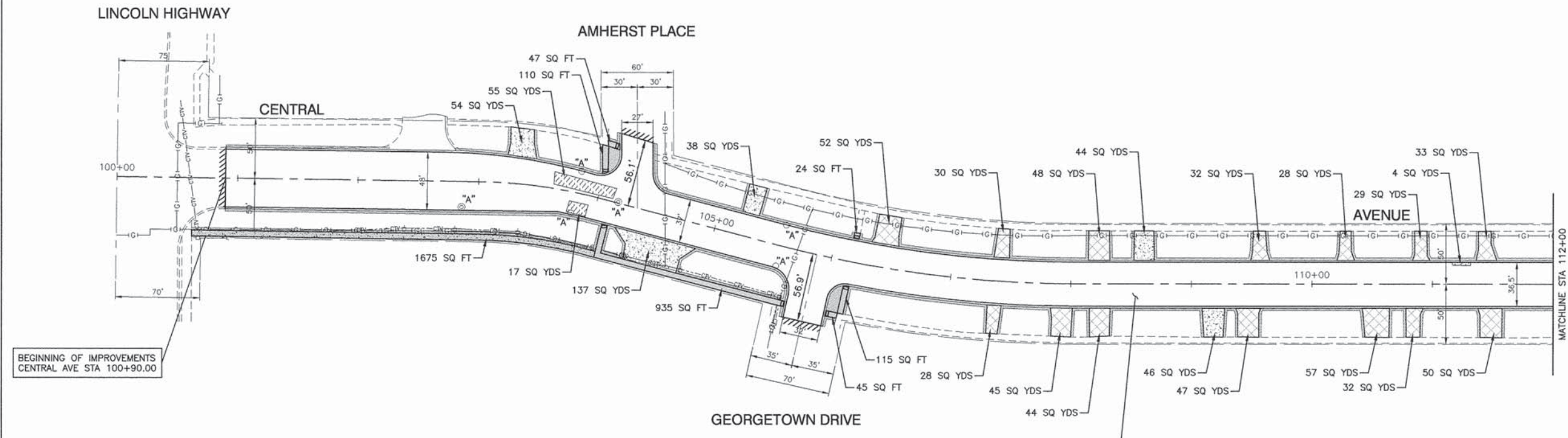
MIXTURE TYPE	AIR VOIDS @ Ndes
<b>RESURFACING</b>	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL-9.5mm); 1 1/2"	4% @ 50 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5% @ 50 Gyr.
<b>PATCHING</b>	
CLASS D PATCHES, TYPE I, II, III, IV (HMA BINDER IL-19.0mm), 8" (IN 3 LIFTS)	4% @ 70 Gyr.
<b>HOT MIX ASPHALT DRIVEWAY</b>	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL-9.5mm); 2"	4% @ 50 Gyr.
HOT MIX ASPHALT BINDER COURSE, IL-19, N50; 8"	

- NOTES:**
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
  - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC" TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
  - CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

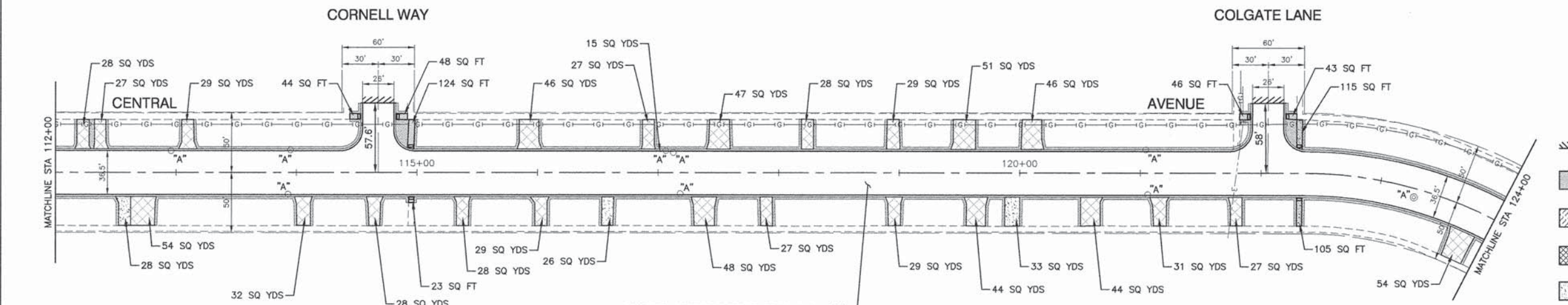
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		CHECKED -- JAS	REVISED --
	PLOT SCALE =	DRAWN -- KM	REVISED --
	PLOT DATE = 12/08/14	CHECKED -- AEG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CENTRAL AVENUE RESURFACING LINCOLN HIGHWAY TO VOLLMER ROAD TYPICAL CROSS SECTIONS		F.A.U. RTE. 2795	SECTION 04-00051-00-PV	COUNTY COOK	TOTAL SHEETS 17	SHEET NO. 03
SCALE: N.T.S.	SHEET NO. 03 OF 17 SHEETS	STA. 9+62	TO STA. 28+00	CONTRACT NO. 61B51		
				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-8003(627)



HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" (MIN.)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"



HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" (MIN.)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"

**LEGEND**

- HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (10' UNLESS OTHERWISE INDICATED)
- SEEDING (COMPLETE)
- HMA PAVEMENT REPAIR (CLASS D PATCHES)
- HMA DRIVEWAY REMOVAL AND REPLACEMENT
- CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT
- P.C.C. SIDEWALK, 5"
- P.C.C. SIDEWALK, 5" REMOVAL AND REPLACEMENT
- COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SEE NOTE #2)
- CATCH BASIN TO BE ADJUSTED, MANHOLE TO BE ADJUSTED, VALVE BOX TO BE ADJUSTED, FRAME & LID TO BE ADJUSTED, FRAME & LID TO BE ADJUSTED (SPECIAL)
- EXISTING MANHOLE
- EXISTING CATCH BASIN

**NOTES:**

1. DETECTABLE WARNINGS ARE TO BE INSTALLED AT LOCATIONS OF SIDEWALK REMOVAL AND REPLACEMENT. CONTRACTOR TO POSITION AND PLACE DETECTABLE WARNINGS AT THE DIRECTION OF THE ENGINEER AND HIGHWAY STANDARDS IN ACCORDANCE WITH ADA REQUIREMENTS.
2. ALL DRIVEWAYS SHALL HAVE DEPRESSED CURB UNLESS OTHERWISE NOTED.
3. ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED UPON COMPLETION OF EACH WORKDAY. RESIDENTS SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF WHEN DRIVEWAY REPLACEMENT WILL TAKE PLACE.

FILE NAME = 14638-PLAN-01 - P01

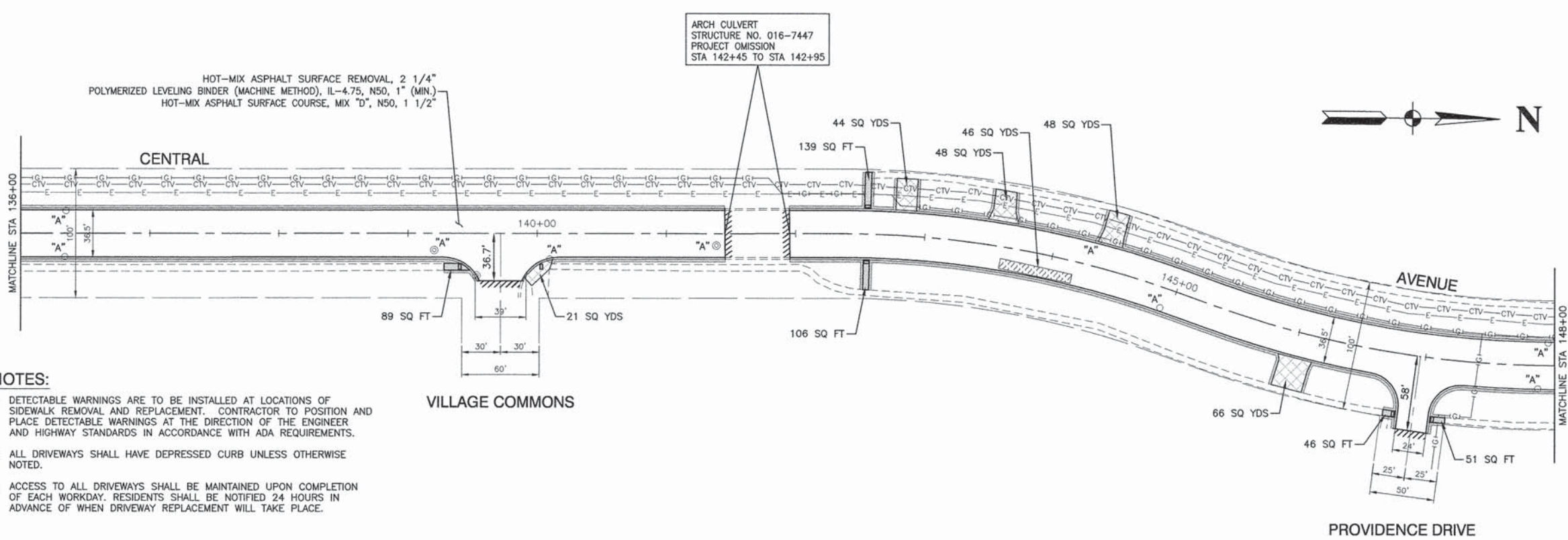
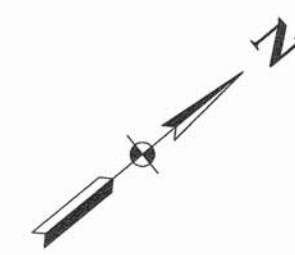
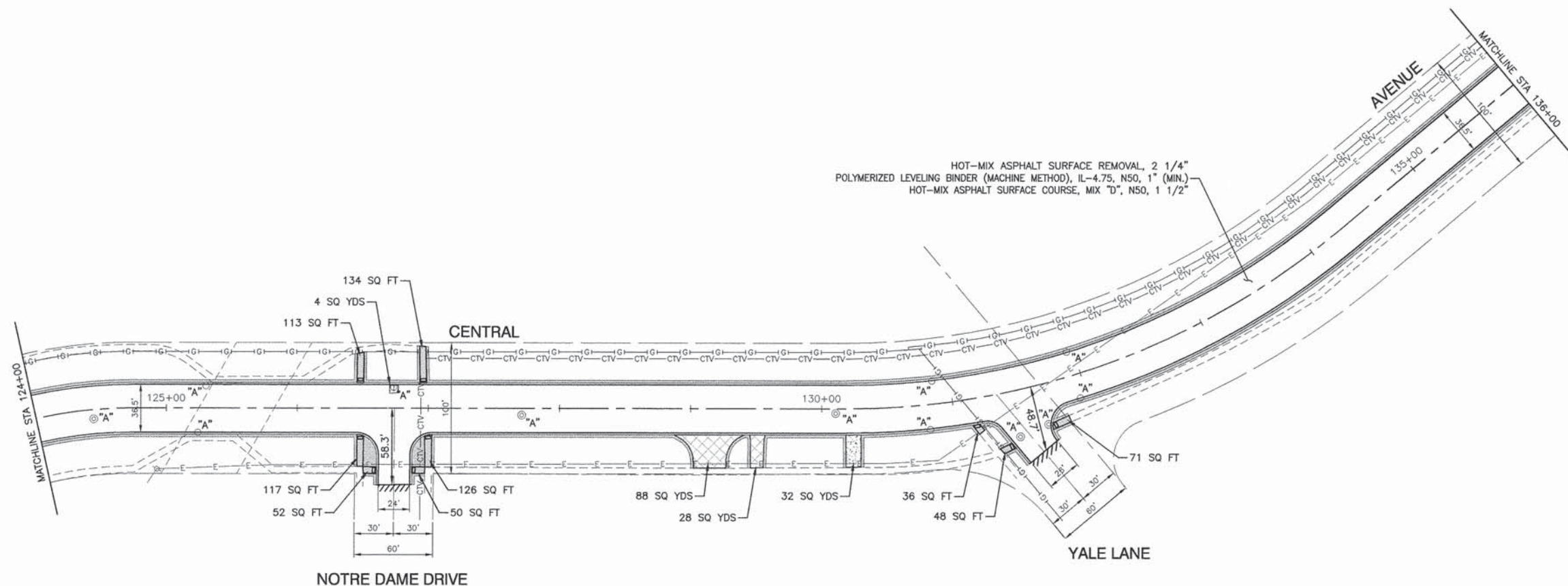
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PLOT DATE = 12/08/14	DRAWN -- KM	REVISED --
	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LINCOLN HIGHWAY TO VOLLMER ROAD  
CENTRAL AVENUE RESURFACING  
PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 04 OF 17 SHEETS STA. 100+90 TO STA. 124+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	04
CONTRACT NO. 61B51				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8003(627)				

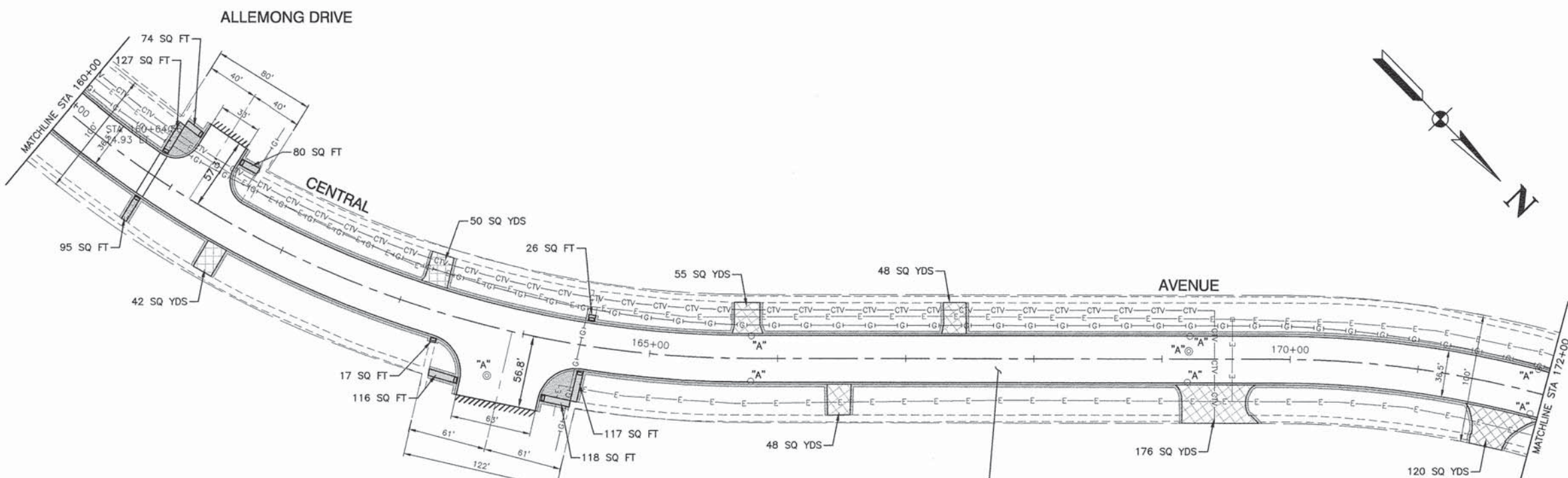
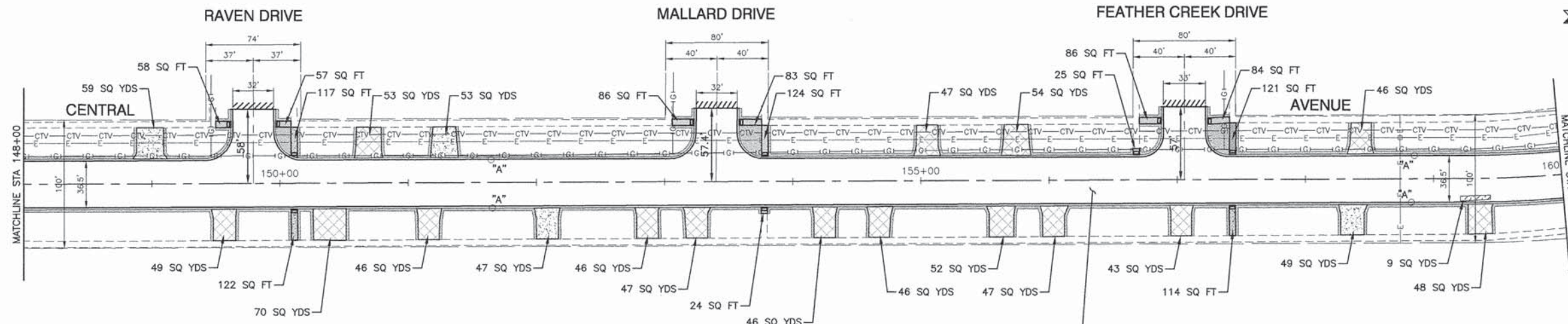


**LEGEND**

- HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (10' UNLESS OTHERWISE INDICATED)
- SEEDING (COMPLETE)
- HMA PAVEMENT REPAIR (CLASS D PATCHES)
- HMA DRIVEWAY REMOVAL AND REPLACEMENT
- CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT
- P.C.C. SIDEWALK, 5"
- P.C.C. SIDEWALK, 5" REMOVAL AND REPLACEMENT
- COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SEE NOTE #2)
- "A" CATCH BASIN TO BE ADJUSTED, MANHOLE TO BE ADJUSTED, VALVE BOX TO BE ADJUSTED, FRAME & LID TO BE ADJUSTED, FRAME & LID TO BE ADJUSTED (SPECIAL)
- EXISTING MANHOLE
- EXISTING CATCH BASIN

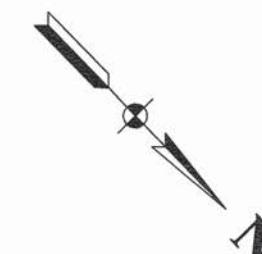
- NOTES:**
1. DETECTABLE WARNINGS ARE TO BE INSTALLED AT LOCATIONS OF SIDEWALK REMOVAL AND REPLACEMENT. CONTRACTOR TO POSITION AND PLACE DETECTABLE WARNINGS AT THE DIRECTION OF THE ENGINEER AND HIGHWAY STANDARDS IN ACCORDANCE WITH ADA REQUIREMENTS.
  2. ALL DRIVEWAYS SHALL HAVE DEPRESSED CURB UNLESS OTHERWISE NOTED.
  3. ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED UPON COMPLETION OF EACH WORKDAY. RESIDENTS SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF WHEN DRIVEWAY REPLACEMENT WILL TAKE PLACE.

FILE NAME = 14638-PLAN-01 - P02	USER NAME =	DESIGNED - EER	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINCOLN HIGHWAY TO VOLLMER ROAD CENTRAL AVENUE RESURFACING PROPOSED PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - JAS	REVISED -				2795	04-00051-00-PV	COOK	17	05
	PLOT DATE = 12/08/14	DRAWN - KM	REVISED -		SCALE: 1"=50'	SHEET NO. 05 OF 17 SHEETS	STA. 124+00 TO STA. 148+00	CONTRACT NO. 61B51			
		CHECKED - AG	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8003(627)						



HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" (MIN.)  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"

HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  
 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" (MIN.)  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"



**LEGEND**

- HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (10' UNLESS OTHERWISE INDICATED)
- SEEDING (COMPLETE)
- HMA PAVEMENT REPAIR (CLASS D PATCHES)
- HMA DRIVEWAY REMOVAL AND REPLACEMENT
- CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT
- P.C.C. SIDEWALK, 5"
- P.C.C. SIDEWALK, 5" REMOVAL AND REPLACEMENT
- COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SEE NOTE #2)
- "A"  
CATCH BASIN TO BE ADJUSTED, MANHOLE TO BE ADJUSTED, VALVE BOX TO BE ADJUSTED, FRAME & LID TO BE ADJUSTED, FRAME & LID TO BE ADJUSTED (SPECIAL)
- EXISTING MANHOLE
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**NOTES:**

1. DETECTABLE WARNINGS ARE TO BE INSTALLED AT LOCATIONS OF SIDEWALK REMOVAL AND REPLACEMENT. CONTRACTOR TO POSITION AND PLACE DETECTABLE WARNINGS AT THE DIRECTION OF THE ENGINEER AND HIGHWAY STANDARDS IN ACCORDANCE WITH ADA REQUIREMENTS.
2. ALL DRIVEWAYS SHALL HAVE DEPRESSED CURB UNLESS OTHERWISE NOTED.
3. ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED UPON COMPLETION OF EACH WORKDAY. RESIDENTS SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF WHEN DRIVEWAY REPLACEMENT WILL TAKE PLACE.

FILE NAME = 14638-PLAN-01 - P03

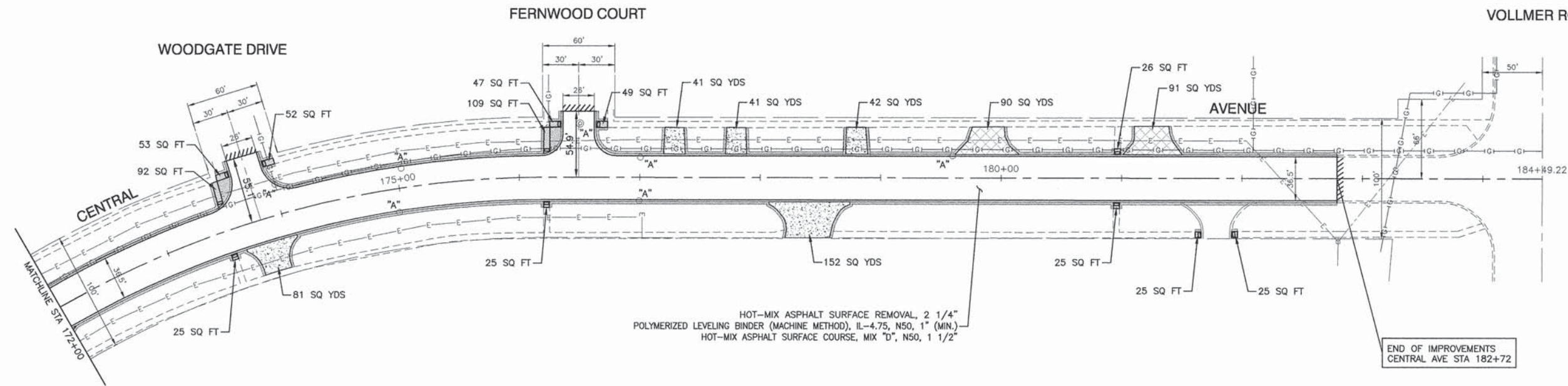
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PLOT SCALE =	DRAWN -- KM	REVISED --
PLOT DATE = 12/08/14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LINCOLN HIGHWAY TO VOLLMER ROAD  
 CENTRAL AVENUE RESURFACING  
 PROPOSED PLAN

SCALE: 1"=50' SHEET NO. 06 OF 17 SHEETS STA. 148+00 TO STA. 172+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	06
CONTRACT NO. 61B51				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT N-6003(627)				



END OF IMPROVEMENTS  
CENTRAL AVE STA 182+72

**LEGEND**

- HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (10' UNLESS OTHERWISE INDICATED)
- SEEDING (COMPLETE)
- HMA PAVEMENT REPAIR (CLASS D PATCHES)
- HMA DRIVEWAY REMOVAL AND REPLACEMENT
- CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT
- P.C.C. SIDEWALK, 5"
- P.C.C. SIDEWALK, 5" REMOVAL AND REPLACEMENT
- COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SEE NOTE #2)
- "A"  
CATCH BASIN TO BE ADJUSTED,  
MANHOLE TO BE ADJUSTED,  
VALVE BOX TO BE ADJUSTED,  
FRAME & LID TO BE ADJUSTED,  
FRAME & LID TO BE ADJUSTED (SPECIAL)
- Ⓞ EXISTING MANHOLE
- EXISTING CATCH BASIN

**NOTES:**

1. DETECTABLE WARNINGS ARE TO BE INSTALLED AT LOCATIONS OF SIDEWALK REMOVAL AND REPLACEMENT. CONTRACTOR TO POSITION AND PLACE DETECTABLE WARNINGS AT THE DIRECTION OF THE ENGINEER AND HIGHWAY STANDARDS IN ACCORDANCE WITH ADA REQUIREMENTS.
2. ALL DRIVEWAYS SHALL HAVE DEPRESSED CURB UNLESS OTHERWISE NOTED.
3. ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED UPON COMPLETION OF EACH WORKDAY. RESIDENTS SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF WHEN DRIVEWAY REPLACEMENT WILL TAKE PLACE.

FILE NAME = 14638-PLAN-01 - P04

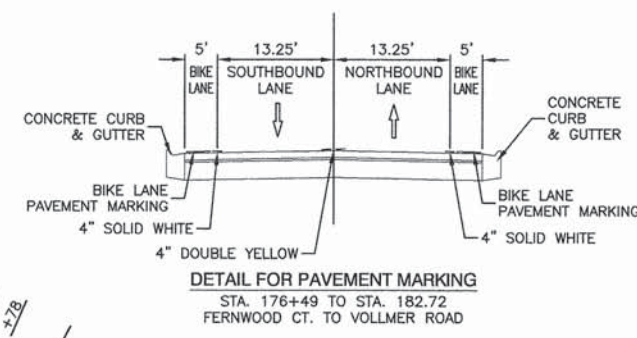
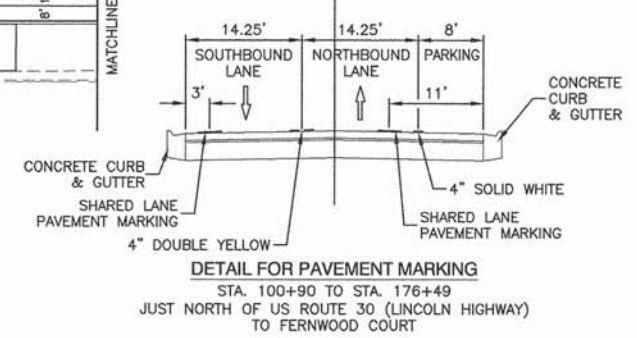
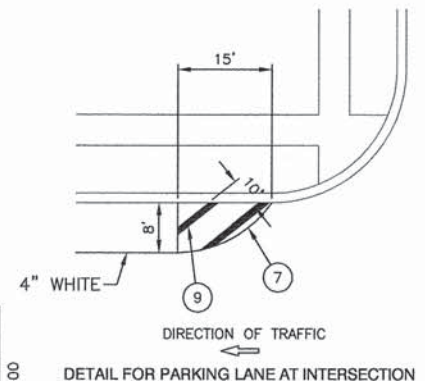
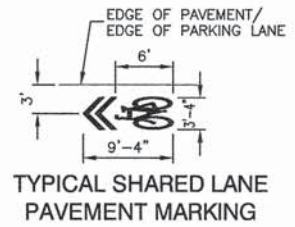
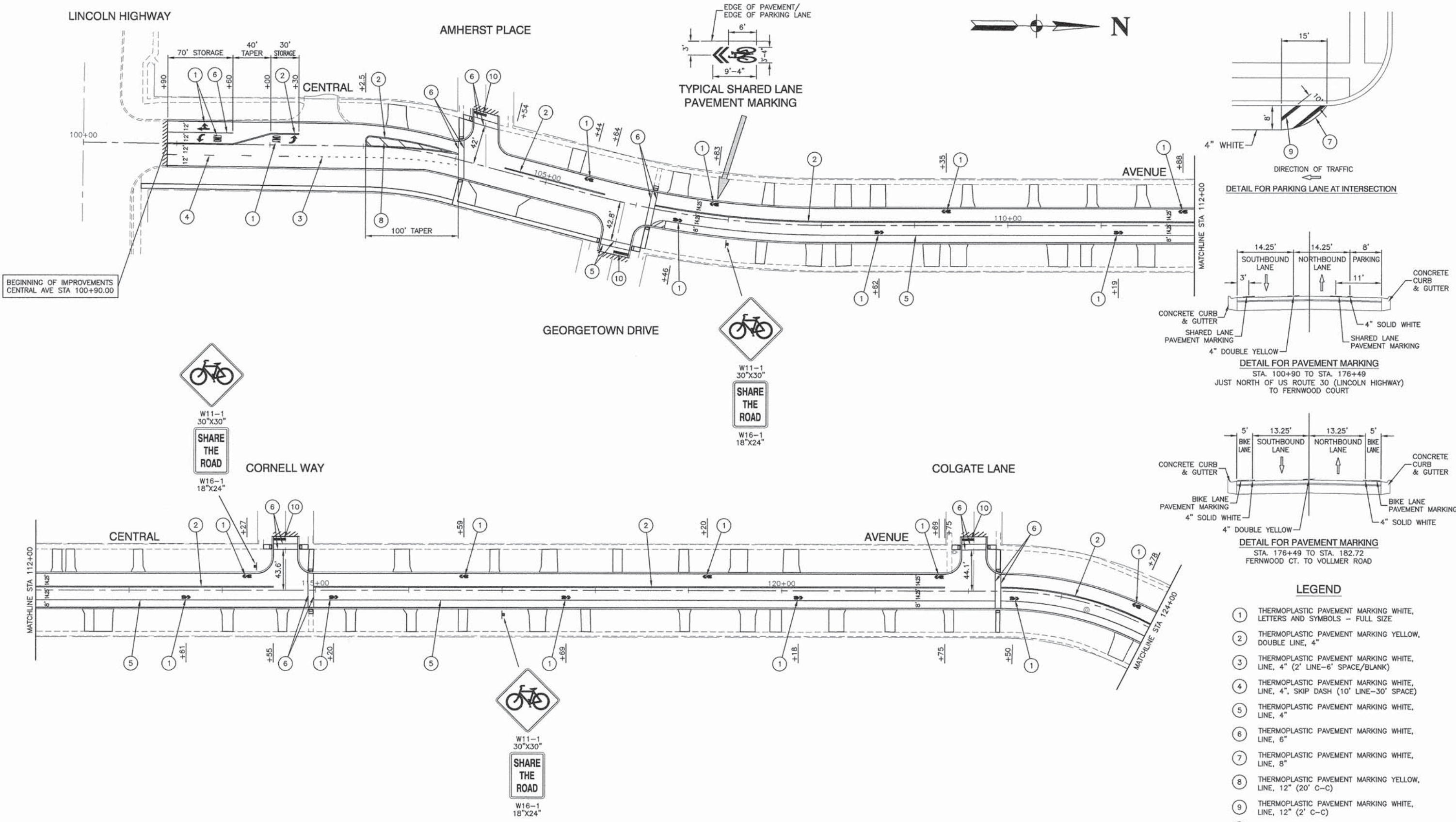
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	CHECKED -- JAS	REVISED --
PLOT SCALE =	DRAWN -- KM	REVISED --
PLOT DATE = 12/08/14	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LINCOLN HIGHWAY TO VOLLMER ROAD  
CENTRAL AVENUE RESURFACING  
PROPOSED PLAN**

SCALE: 1"=50'    SHEET NO. 07 OF 17 SHEETS    STA. 172+00 TO STA. 182+72

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	07
CONTRACT NO. 61B51				
FED. ROAD DIST. NO. 1    ILLINOIS    FED. AID PROJECT M-8003(627)				



- LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING WHITE, LETTERS AND SYMBOLS - FULL SIZE
  - ② THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"
  - ③ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4" (2' LINE-6' SPACE/BLANK)
  - ④ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4", SKIP DASH (10' LINE-30' SPACE)
  - ⑤ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4"
  - ⑥ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 6"
  - ⑦ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 8"
  - ⑧ THERMOPLASTIC PAVEMENT MARKING YELLOW, LINE, 12" (20' C-C)
  - ⑨ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 12" (2' C-C)
  - ⑩ THERMOPLASTIC PAVEMENT MARKING WHITE, 24"

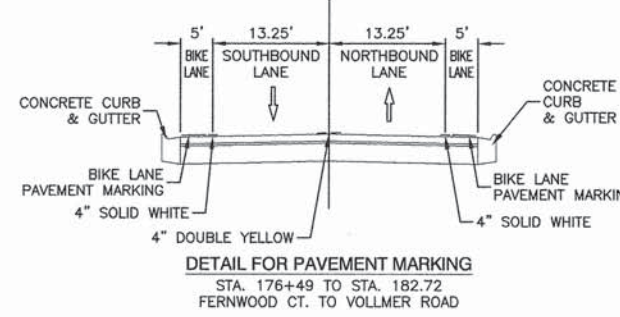
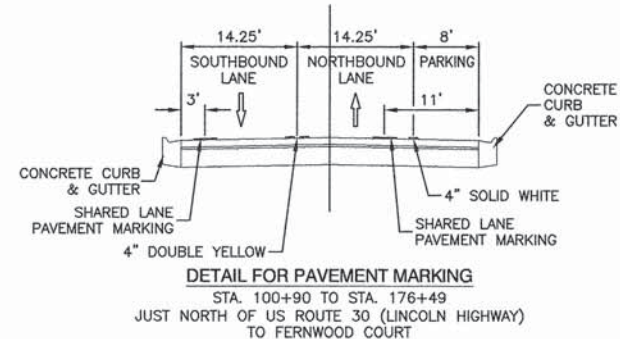
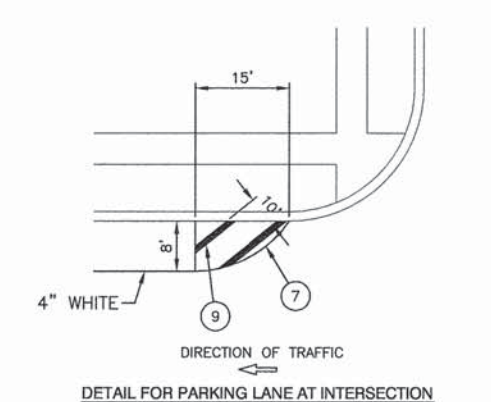
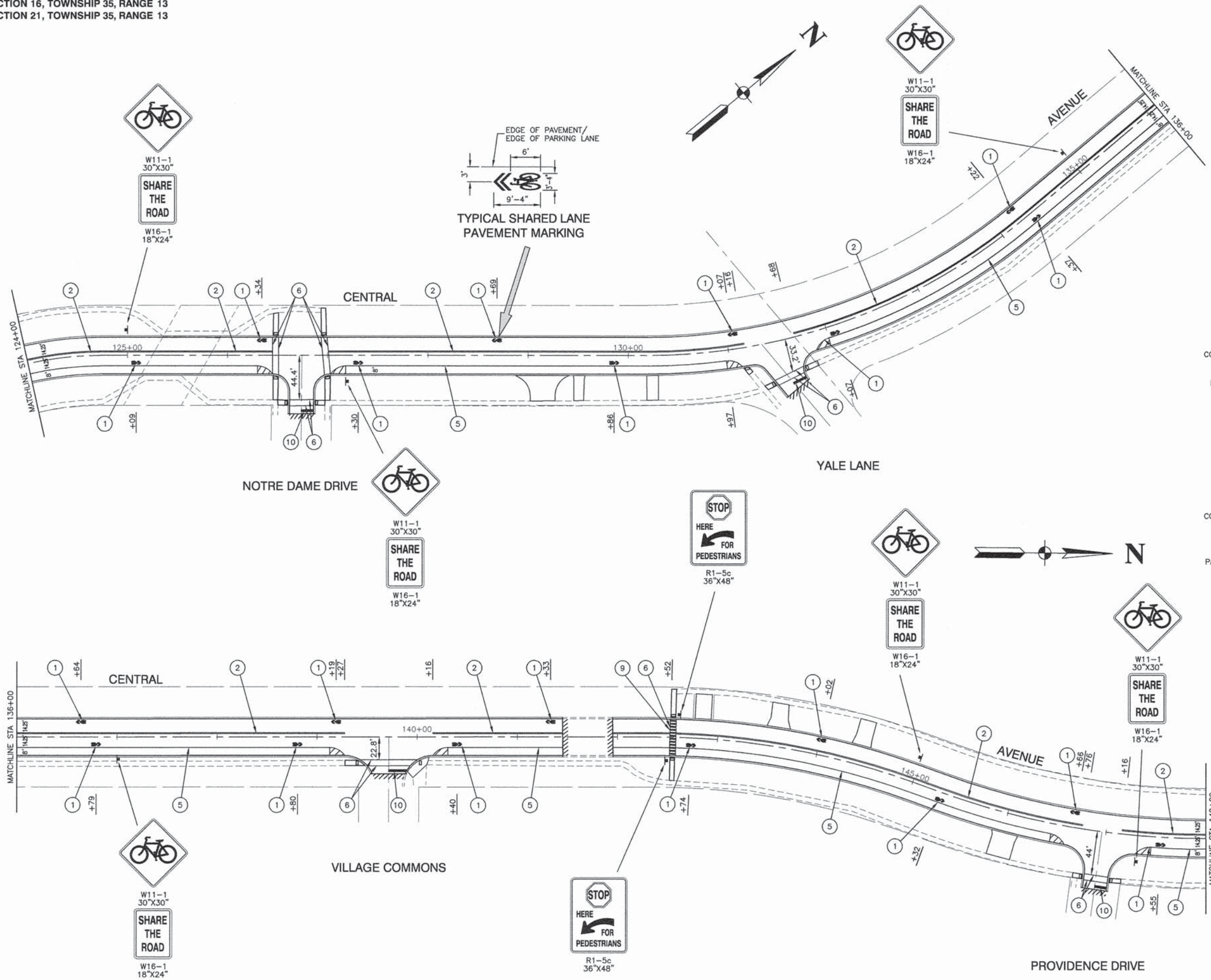
FILE NAME = 14638-PLAN-01 - S01	USER NAME =	DESIGNED -- EER	REVISED --
		CHECKED -- JAS	REVISED --
	PLOT SCALE =	DRAWN -- KM	REVISED --
	PLOT DATE = 12/08/14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LINCOLN HIGHWAY TO VOLLMER ROAD CENTRAL AVENUE RESURFACING PAVEMENT MARKING			
SCALE: 1"=50'	SHEET NO. 08 OF 17 SHEETS	STA. 100+90 TO STA. 124+00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	08
CONTRACT NO. 61B51				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8003(627)				





- LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING WHITE, LETTERS AND SYMBOLS - FULL SIZE
  - ② THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"
  - ③ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4" (2' LINE-6' SPACE/BLANK)
  - ④ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4", SKIP DASH (10' LINE-30' SPACE)
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  - ⑨ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 12" (2' C-C)
  - ⑩ THERMOPLASTIC PAVEMENT MARKING WHITE, 24"

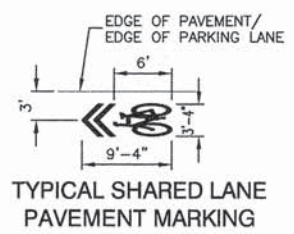
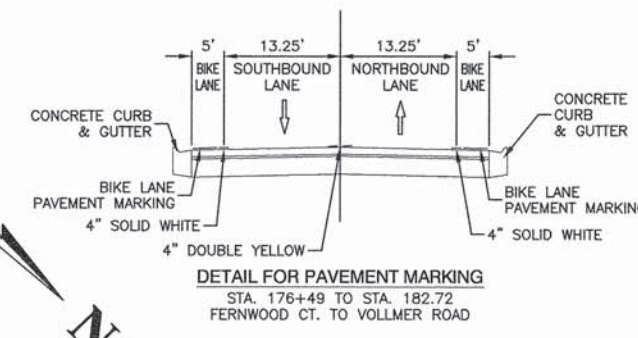
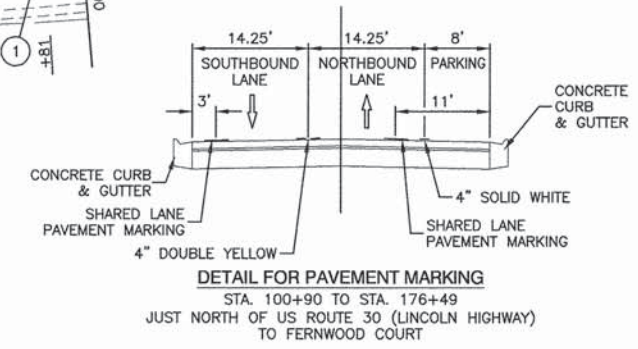
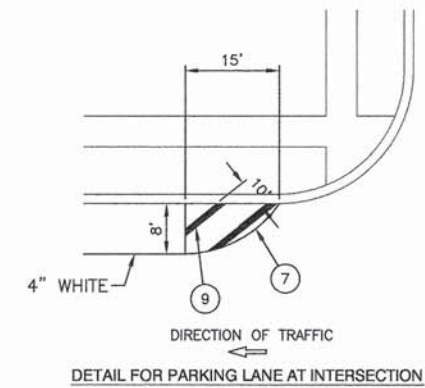
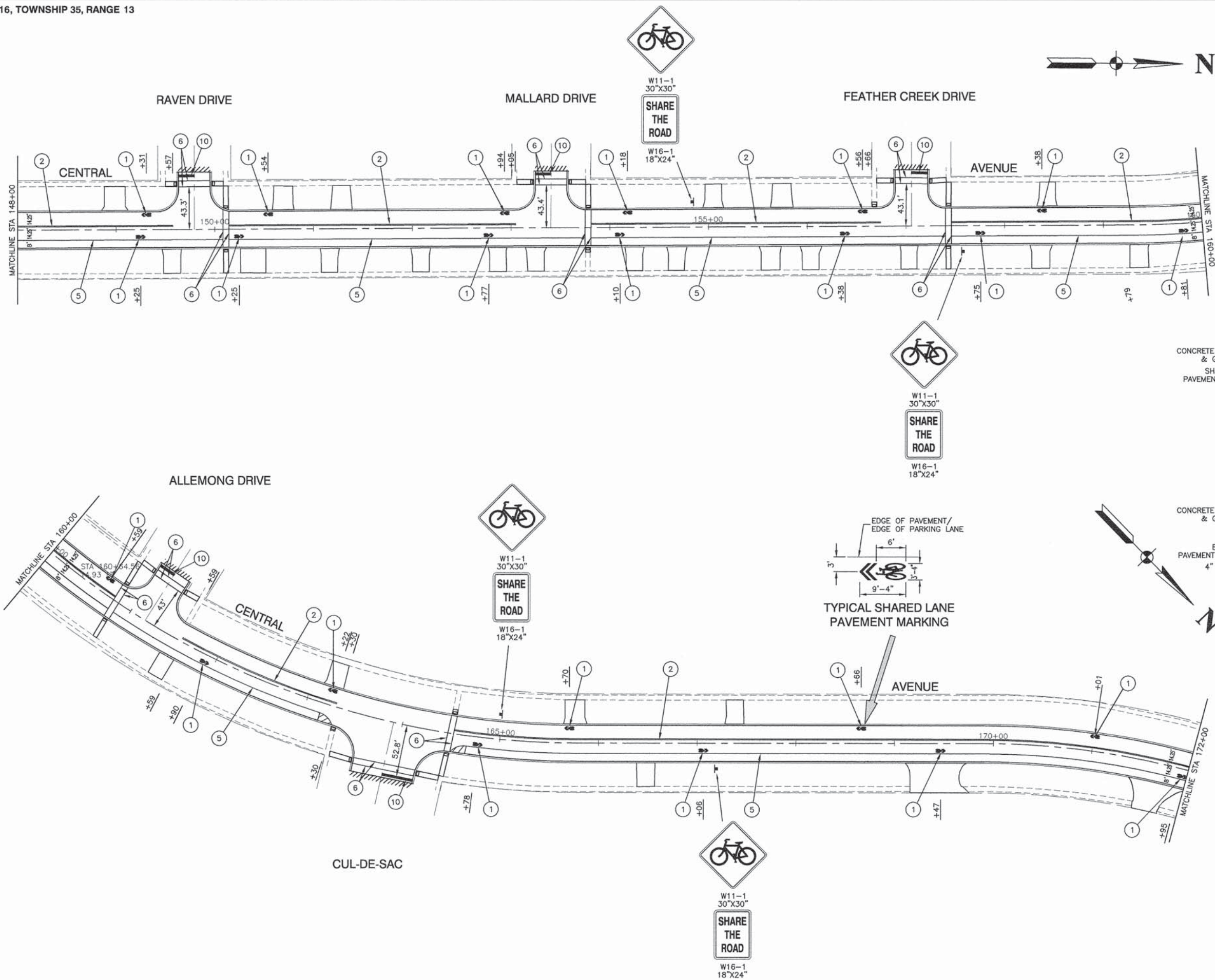
FILE NAME = 14638-PLAN-01 - S02

USER NAME =	DESIGNED - EER	REVISED -
PLOT SCALE =	CHECKED - JAS	REVISED -
PLOT DATE = 12/08/14	DRAWN - KM	REVISED -
	CHECKED - AG	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LINCOLN HIGHWAY TO VOLLMER ROAD  
CENTRAL AVENUE RESURFACING  
PAVEMENT MARKING  
SCALE: 1"=50'  
SHEET NO. 09 OF 17 SHEETS  
STA. 124+00 TO STA. 148+00

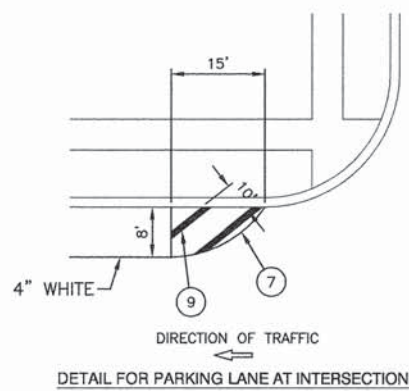
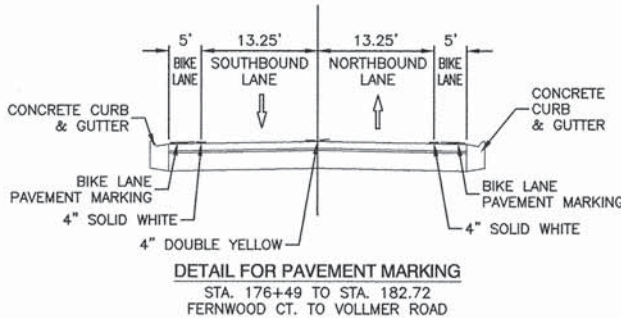
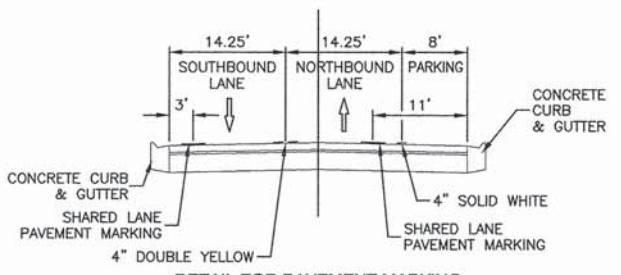
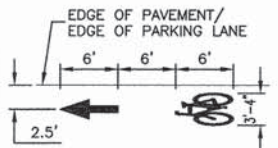
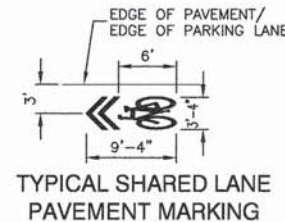
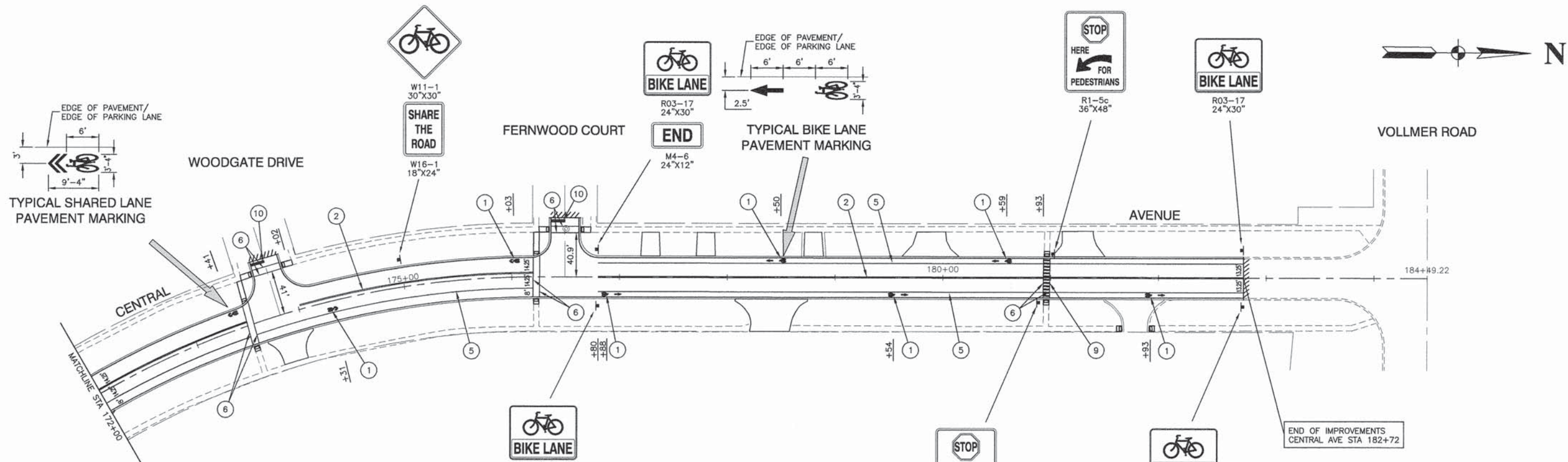
F.A.U. RTE. 2795	SECTION 04-00051-00-PV	COUNTY COOK	TOTAL SHEETS 17	SHEET NO. 09
CONTRACT NO. 61B51				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8003(627)				



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING WHITE, LETTERS AND SYMBOLS - FULL SIZE
- ② THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"
- ③ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4" (2' LINE-6' SPACE/BLANK)
- ④ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4", SKIP DASH (10' LINE-30' SPACE)
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- ⑥ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 6"
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- ⑧ THERMOPLASTIC PAVEMENT MARKING YELLOW, LINE, 12" (20' C-C)
- ⑨ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 12" (2' C-C)
- ⑩ THERMOPLASTIC PAVEMENT MARKING WHITE, 24"

FILE NAME = 14638-PLAN-01 - S03	USER NAME =	DESIGNED - EER	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINCOLN HIGHWAY TO VOLLMER ROAD CENTRAL AVENUE RESURFACING PAVEMENT MARKING	F.A.U. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
	PLOT SCALE =	CHECKED - JAS	REVISD -			2795	04-00051-00-PV	COOK	17	10	
	PLOT DATE = 12/08/14	DRAWN - KM	REVISD -			CONTRACT NO. 61B51					
		CHECKED - AG	REVISD -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8003(627)					



**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING WHITE, LETTERS AND SYMBOLS - FULL SIZE
- ② THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"
- ③ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4" (2' LINE-6' SPACE/BLANK)
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- ⑨ THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 12" (2' C-C)
- ⑩ THERMOPLASTIC PAVEMENT MARKING WHITE, 24"

FILE NAME = 14638-PLAN-01 - S04

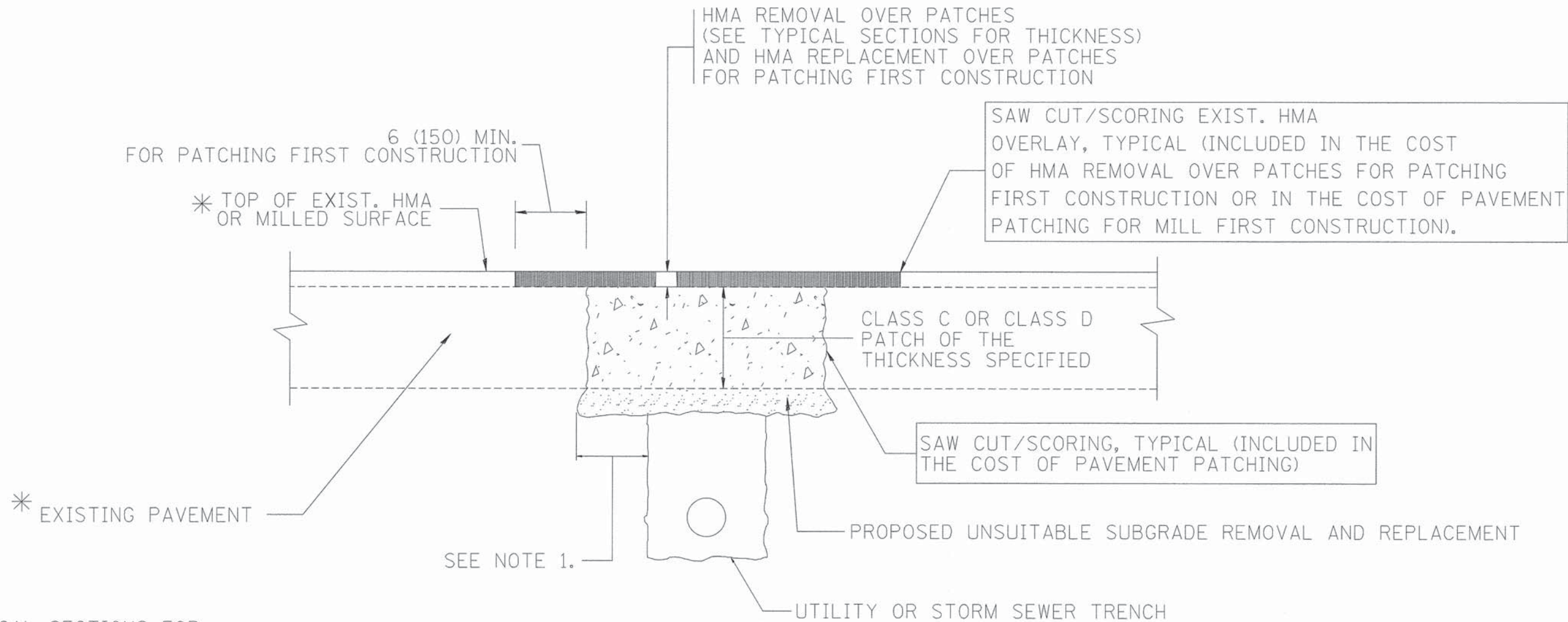
USER NAME =	DESIGNED -- EER	REVISED --
PLOT SCALE =	CHECKED -- JAS	REVISED --
PLOT DATE = 12/08/14	DRAWN -- KM	REVISED --
	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LINCOLN HIGHWAY TO VOLLMER ROAD  
CENTRAL AVENUE RESURFACING  
PAVEMENT MARKING

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	11
CONTRACT NO. 61B51				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8003(627)				

SCALE: 1"=50' SHEET NO. 11 OF 17 SHEETS STA. 172+00 TO STA. 182+72



\* 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 (PATCHING FIRST)**

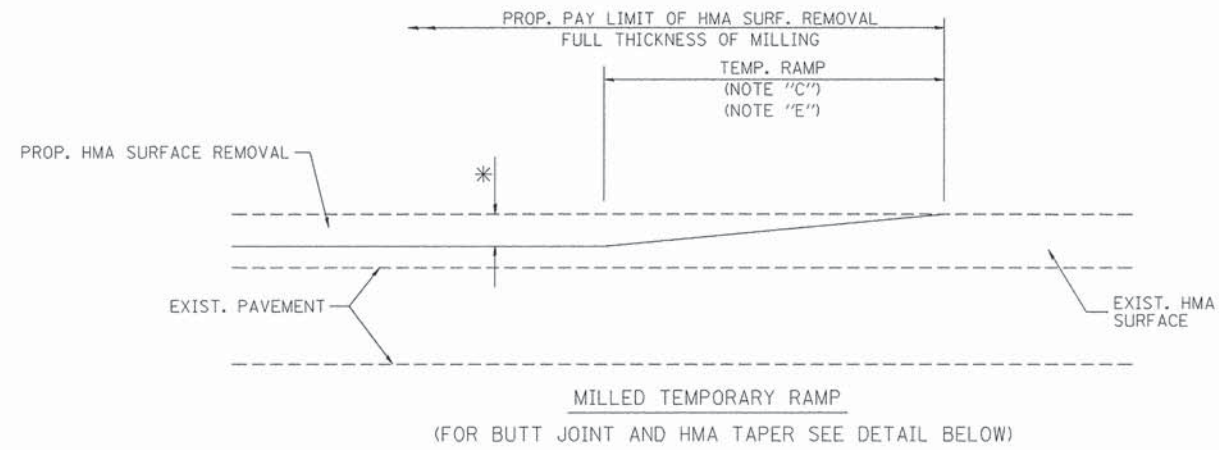
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

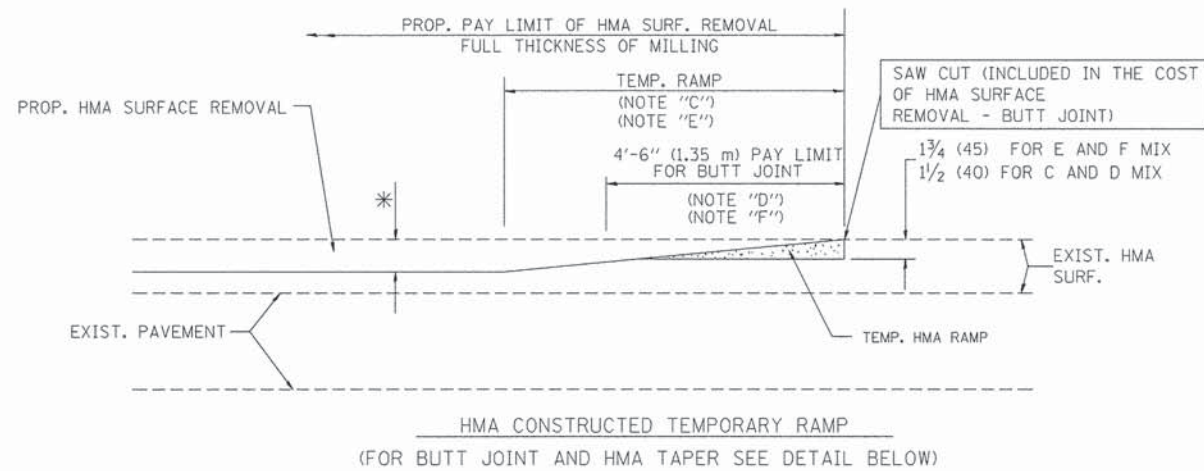
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

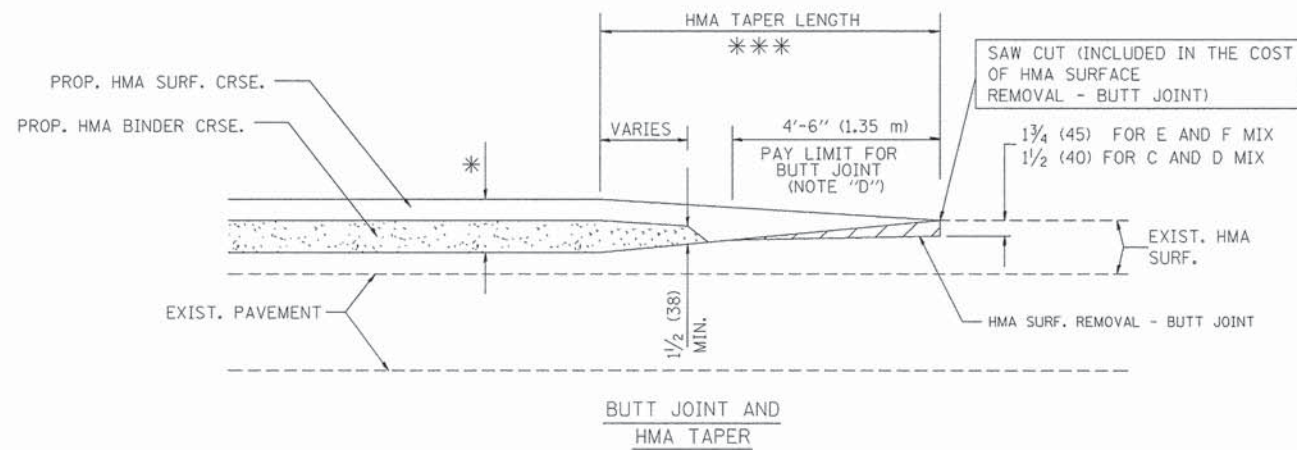
FILE NAME = 14638-OTLS-01 - BD-22	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 01-01-07			2795	04-00051-00-PV	COOK	17	12
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 09-04-07			<b>BD400-04 (BD-22)</b>		CONTRACT NO. 61B51		
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08			SCALE: NONE		SHEET NO. 12 OF 17 SHEETS		STA. TO STA.
						FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECTM-8003(627)				



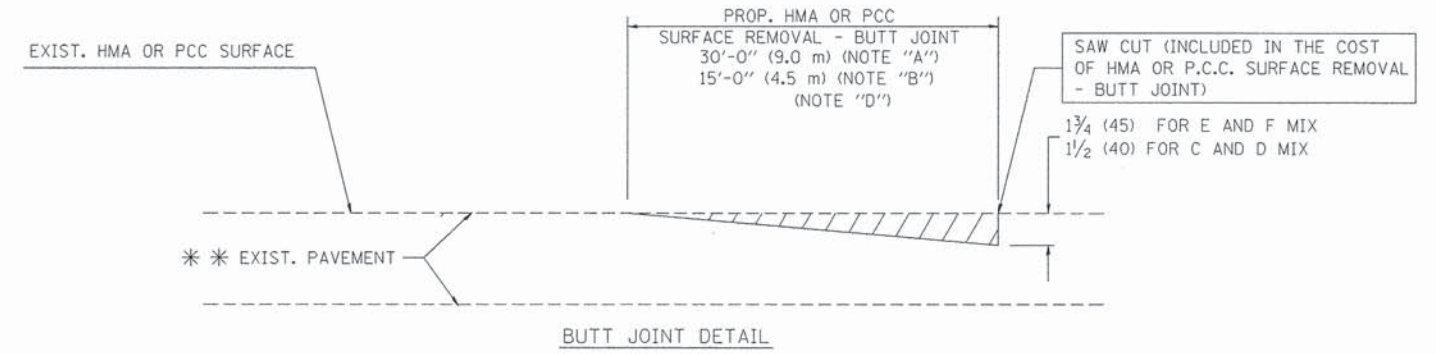
OPTION 1



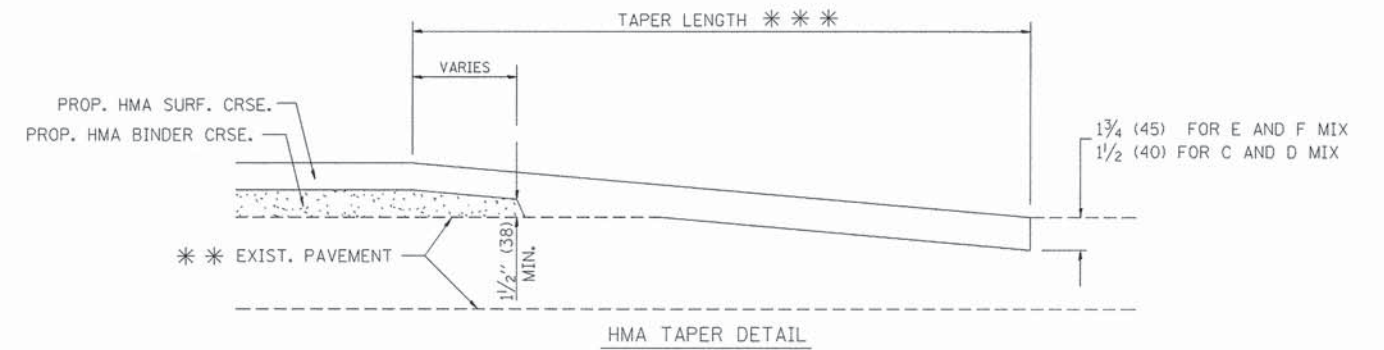
OPTION 2  
TYPICAL TEMPORARY RAMP



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")

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 = 14638-DTLS-01 - BD-32

USER NAME = gogliano

DESIGNED - M. DE YONG

REVISED - R. SHAH 10-25-94

PLOT SCALE = 50.0000' / IN.

DRAWN -

REVISED - A. ABBAS 03-21-97

PLOT DATE = 1/4/2008

CHECKED -

REVISED - M. GOMEZ 04-06-01

DATE - 06-13-90

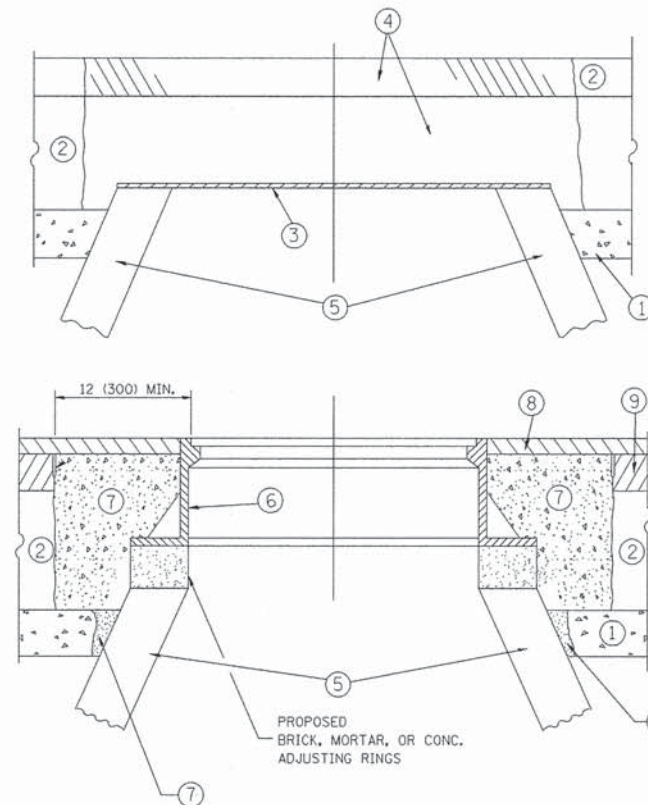
REVISED - R. BORO 01-01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

SCALE: NONE SHEET NO. 13 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	13
BD400-05 BD32			CONTRACT NO. 61B51	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJ. 8003(627)				



**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
  - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
  - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- \* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER.

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

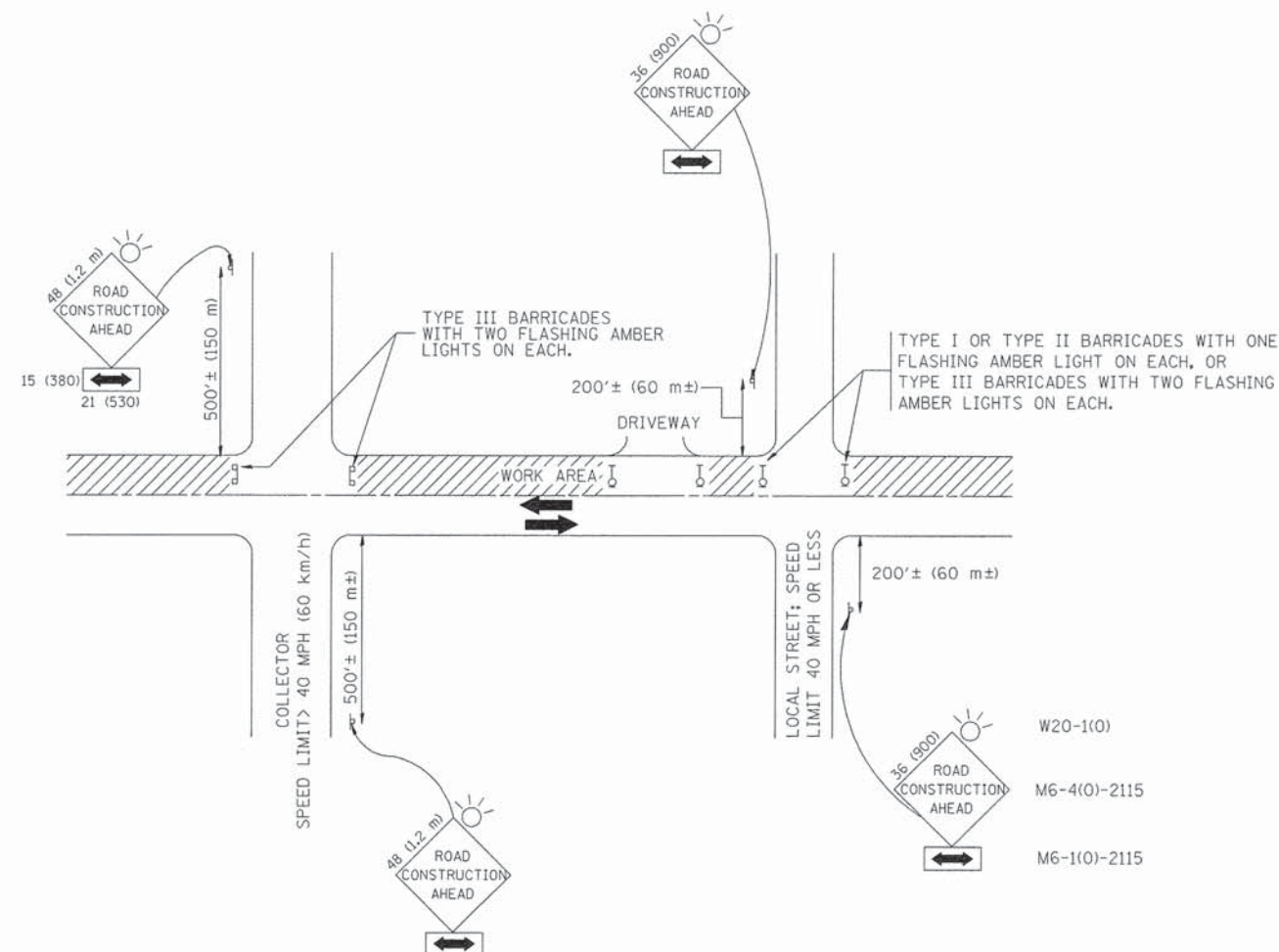
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION			
NAME	DATE	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
R. SHAH	10/25/94	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS
R. SHAH	01/30/95	2795	04-00051-00-PV	COOK	17
R. SHAH	03/10/95	BD600-03 (BD-8)		CONTRACT NO. 61B51	
A. ABBAS	03/21/97	FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT M-8003(627)			
R. WIEDEMAN	05/14/04	SCALE: VERT. NONE HORIZ.			
R. BORO	01/01/07	DRAWN BY			
R. BORO	03/09/11	CHECKED BY			
R. BORO	12/06/11	SHEET NO.			

FILE NAME = 14638-DTUS-01 - BD-8	USER NAME = gaglionobt	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05/14/04
		DRAWN -	REVISED - R. BORO 01/01/07
	PLOT SCALE = 50.0000 "/ IN.	CHECKED -	REVISED - R. BORO 03/09/11
	PLOT DATE = 1/4/2008	DATE - 10-25-94	REVISED - R. BORO 12/06/11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>	
SCALE: NONE	SHEET NO. 14 OF 17 SHEETS
STA.	TO STA.



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.

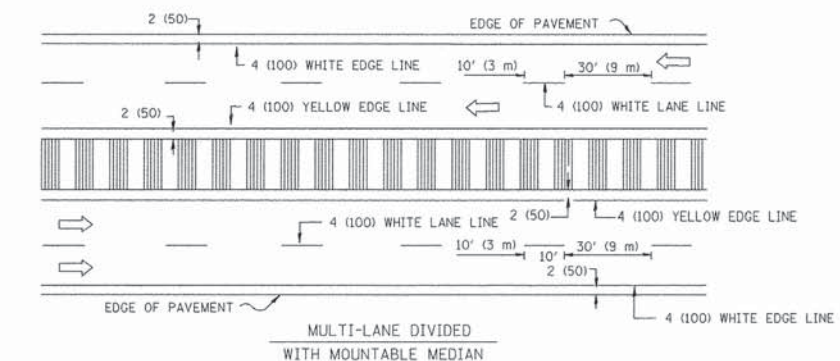
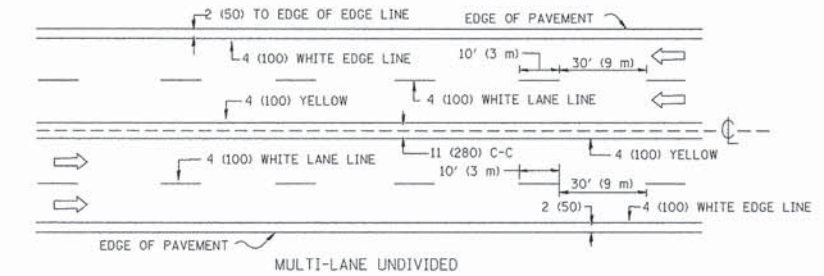
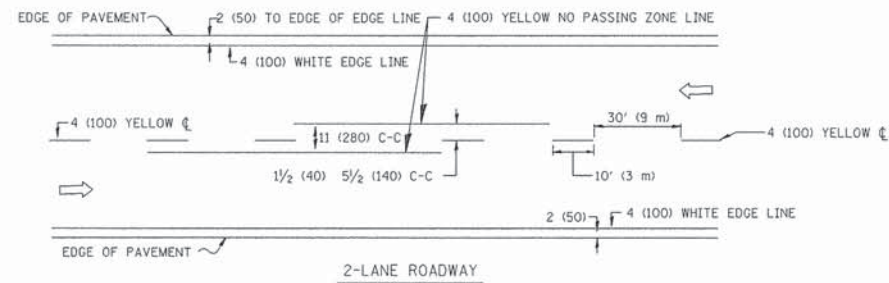
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = 14638-DTUS-01 - TC-10	USER NAME = goglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 // IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

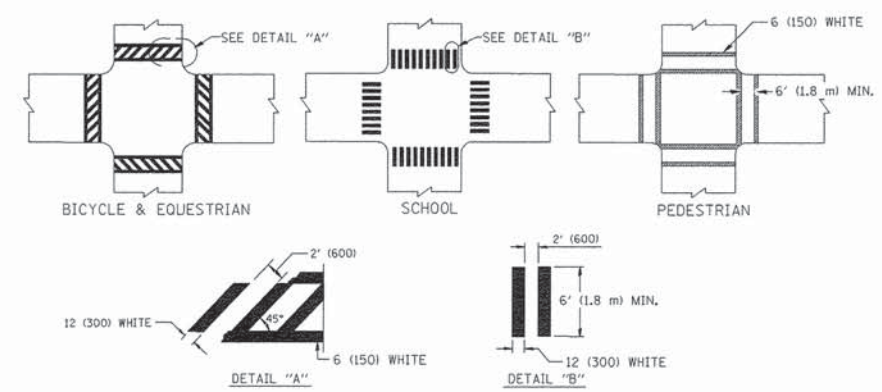
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 15	OF 17 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	15
<b>TC-10</b>			CONTRACT NO. 61B51	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJ. NO. 8003(627)				

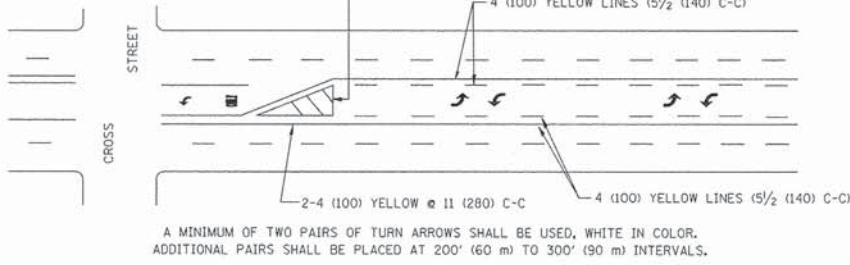
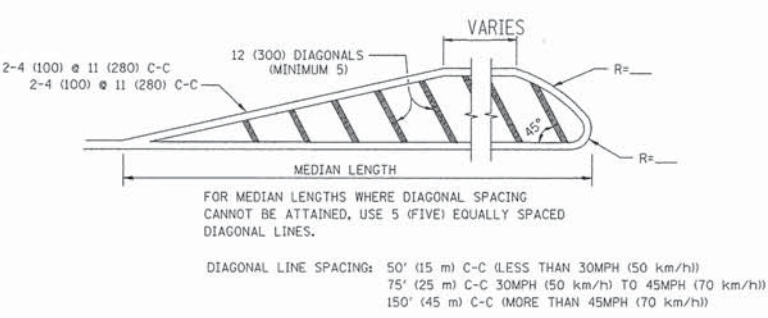
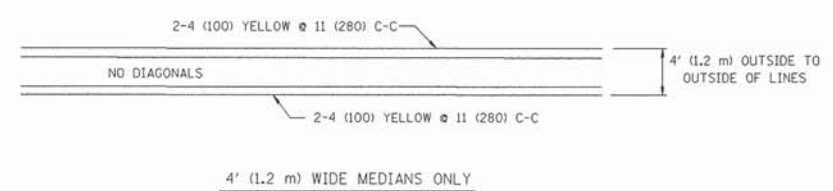


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

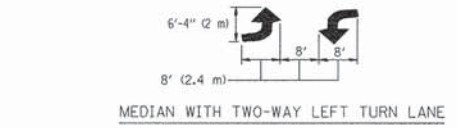
TYPICAL LANE AND EDGE LINE MARKING



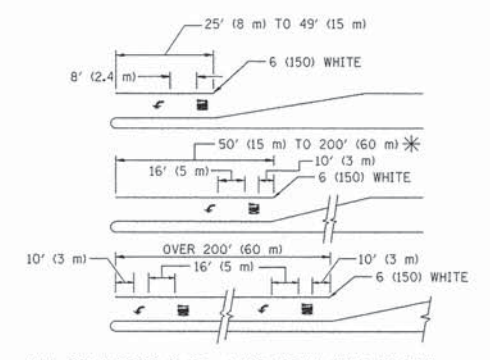
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



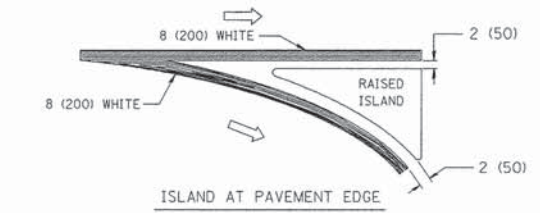
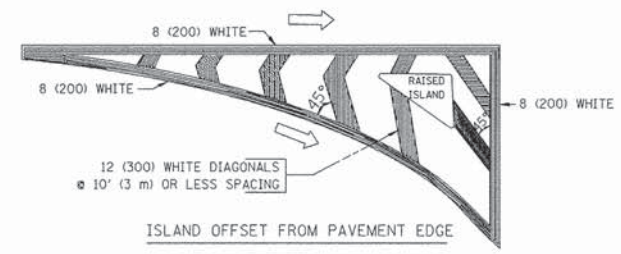
TYPICAL LEFT (OR RIGHT) TURN LANE



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* 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 TURN LANE MARKING



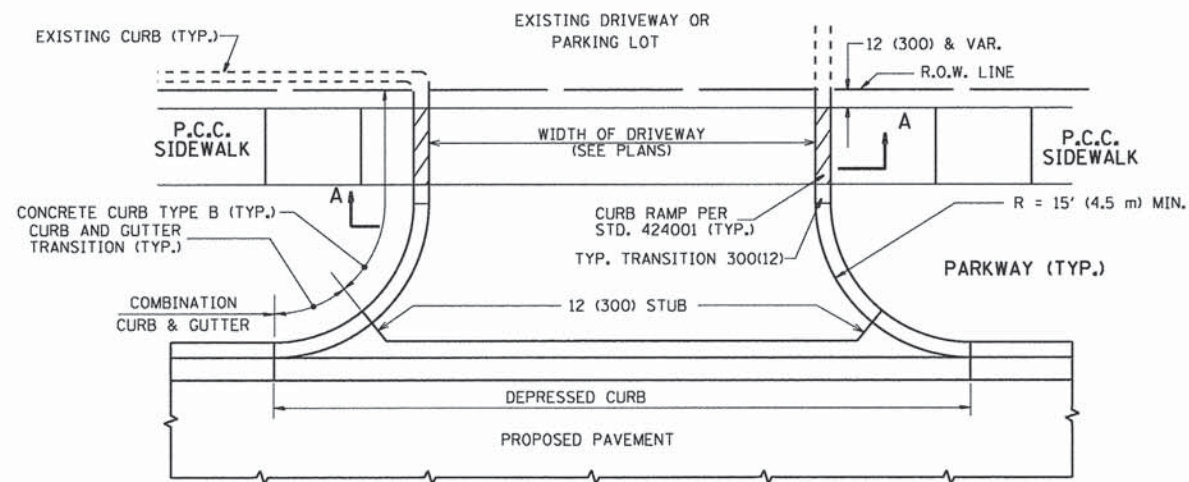
TYPICAL ISLAND MARKING

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) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
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))

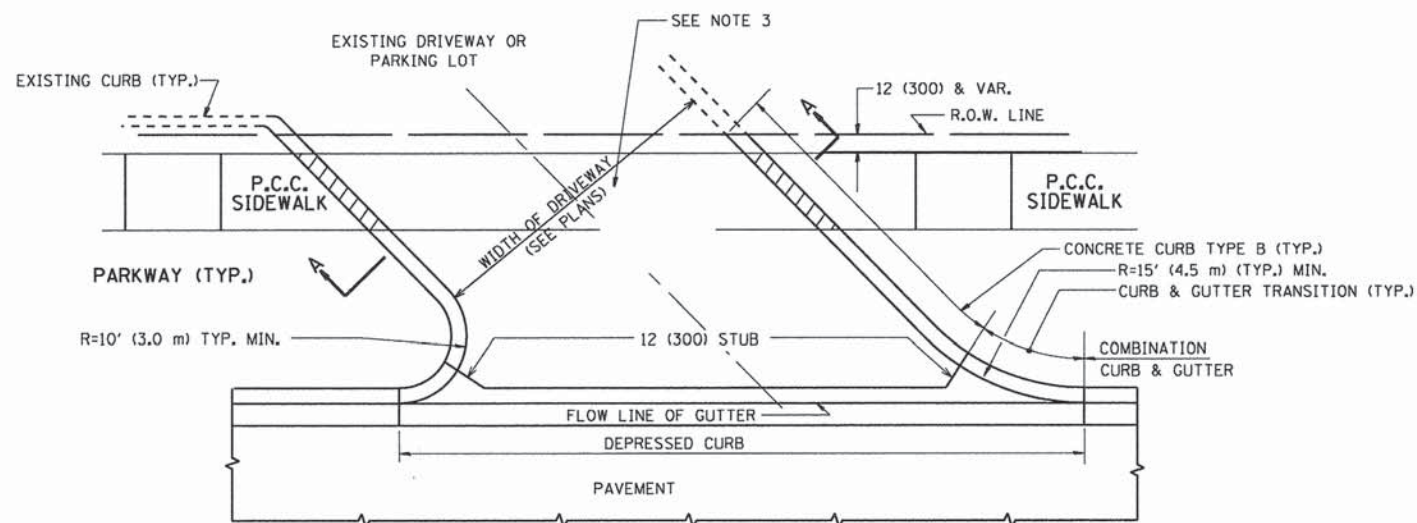
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

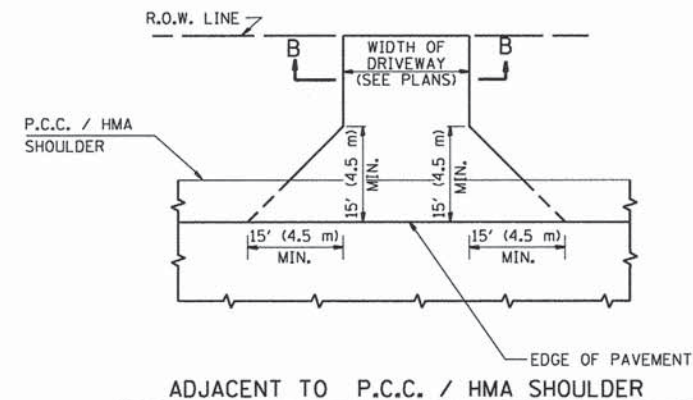




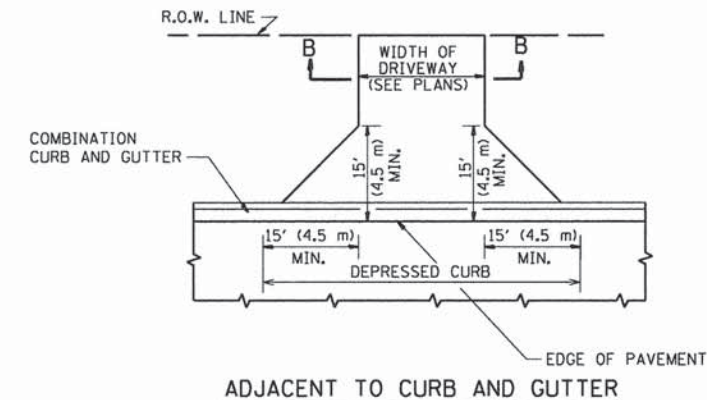
WITH CONCRETE CURB, TYPE B



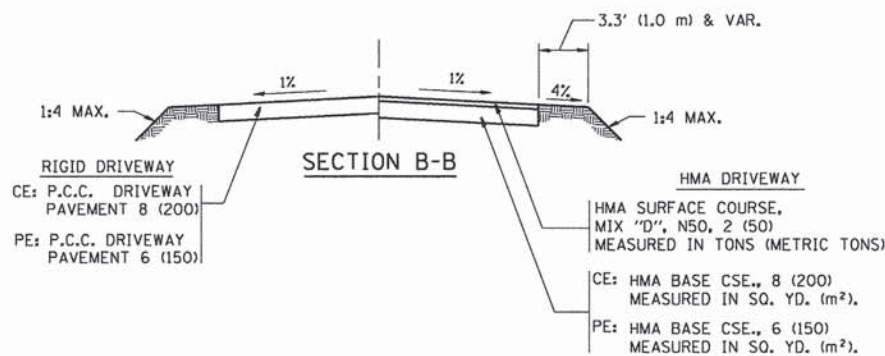
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



SECTION B-B

RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE,  
MIX "D", N50, 2 (50)  
MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200)  
MEASURED IN SQ. YD. (m²).

**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

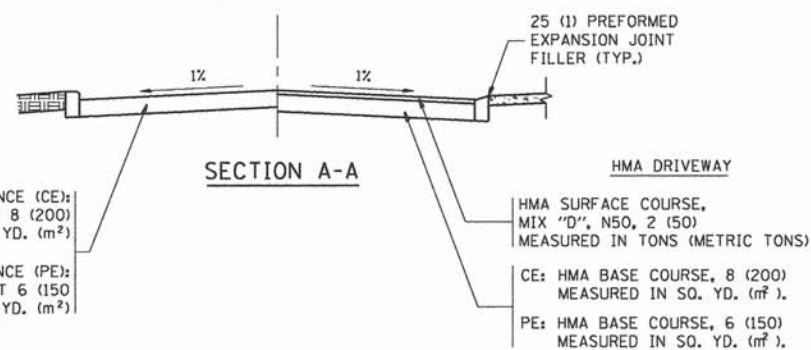
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED, SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



SECTION A-A

FILE NAME = 14698-DTLS-01 - BD-1

USER NAME = hardnetbr  
stStd.dgn  
PLOT SCALE = 100.3876' / 1"  
PLOT DATE = 7/16/2014

DESIGNED - R. SHAH  
DRAWN -  
CHECKED -  
DATE - 11-04-95

REVISED - P. LaFLUER 04-15-03  
REVISED - R. BORO 01-01-07  
REVISED - R. BORO 06-11-08  
REVISED - R. BORO 09-06-11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.  
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

SCALE: NONE SHEET NO. 17 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2795	04-00051-00-PV	COOK	17	17
BD0156-07 (BD-01)		CONTRACT NO. 61B51		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-8003(627)				