

09-20-13 LETTING ITEM 074

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 63717		

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

**DESIGN DESIGNATION**

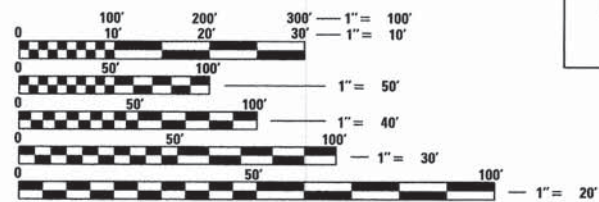
FUNCTION CLASSIFICATION = LOCAL  
DESIGN SPEED = 40 MPH  
POSTED SPEED = 40 MPH

**TRAFFIC DATA**

EXISTING ADT = 1,700 (2011)  
PROPOSED ADT = 2,000 (2030)

THESE IMPROVEMENTS ARE LOCATED  
WITHIN THE VILLAGE OF ARLINGTON HEIGHTS  
AND THE CITY OF ROLLING MEADOWS

ARLINGTON PARK COMMUTER DRIVE  
ROHLWING ROAD TO METRA STATION  
ROADWAY RECONSTRUCTION  
SECTION 08-00097-00-BT  
PROJECT: M-CMM-8003(965)  
COOK COUNTY  
C-91-227-08  
CITY OF ROLLING MEADOWS



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

THE PROJECT CONSISTS OF THE RECONSTRUCTION OF COMMUTER DRIVE FROM STA. 102+97 TO STA. 128+01; RESURFACING OF COMMUTER DRIVE FROM STA. 128+01 TO STA. 136+27

BEGIN IMPROVEMENT  
STA. 102+97

EXISTING STRUCTURES  
SN: 016-0374 AND  
SN: 016-0119  
STA. 111+00

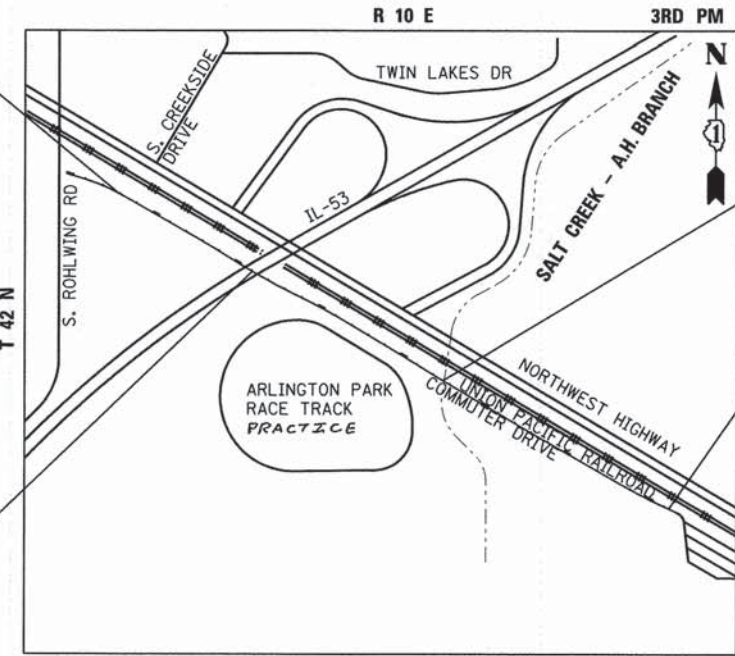
EXISTING BOX CULVERT  
SN: 016-L010  
STA. 122+58.43

END IMPROVEMENT  
STA. 136+27

**Ciorba Group, Inc.**

DESIGN FIRM  
REGISTRATION NUMBER  
184-001016

CONSULTING ENGINEERS  
SUITE 402, 5507 NORTH CUMBERLAND AVE  
CHICAGO, ILLINOIS 60656 ☎ (773) 775-4009



PALATINE TOWNSHIP

LOCATION MAP  
1" = 1,000'

GROSS AND NET LENGTH OF PROJECT = 3,330 FT = 0.63 MI.

MA THREW J. LEHAN  
082-057159  
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS  
DATE: 10/22/2012  
SEAL EXPIRES: 11/30/2013

BRETT W. SAUTER  
081-008844  
LICENSED STRUCTURAL ENGINEER OF ILLINOIS  
DATE: 10/22/2012  
SEAL EXPIRES: 11/30/2014

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

Approved: October 22, 2012  
Karl Vogt  
City of Rolling Meadows Director of Public Works

Passed: NOVEMBER 9, 2012  
C. Holt  
District 1 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: NOVEMBER 14, 2012  
John Fortmann  
District 1 Engineer of Highways, Region 1 Engineer

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PROGRAMS OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847)705-4406 SCHAUMBURG, IL

CONTRACT NO. 63717

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LIST OF HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMP FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
542001-03	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375mm) THRU 84" (2100mm) DIA.
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-03	INLET - TYPE A
602401-03	MANHOLE TYPE A
602421-03	MANHOLE TYPE A 9' (2.7 m) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604051-03	FRAME AND GRATE TYPE 11
604086-02	FRAME AND GRATE TYPE 23
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
640001-01	SIGHT SCREEN CHAIN LINK FENCE
664001-02	CHAIN LINK FENCE
667001-01	DRAINAGE MARKERS
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- THE VILLAGE OF ARLINGTON HEIGHTS (THOMAS PONSOT - 847-368-5260) AND THE CITY OF ROLLING MEADOWS (FRED VOGT - 847-963-0500) SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.
- 10 FOOT TRANSITIONS SHALL BE USED TO MATCH THE PROPOSED CURB AND GUTTER TO THE EXISTING.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING FIELD CONDITIONS PRIOR TO BIDDING, ORDERING MATERIALS, OR BEGINNING CONSTRUCTION ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS.
- THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED UNDER THE UTILITY OWNER'S DIRECTION AND AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- CONCRETE COLLARS SHALL BE USED AT THE ENGINEERS' DISCRETION FOR CONNECTING STORM SEWER PIPES IN STAGE TWO TO THOSE BUILT IN STAGE ONE.
- THIS PROJECT REQUIRES AN NPDES PERMIT FROM THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA). ALL REQUIRED DOCUMENTATION IS IN EITHER THIS PLAN SET OR THE INCLUDED CONTRACT DOCUMENTS. THE CONTRACTOR SHALL OBTAIN THIS PERMIT PRIOR TO COMMENCEMENT OF SOIL DISTURBING ACTIVITIES.
- THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE VILLAGE OF ARLINGTON HEIGHTS. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE ENGINEER FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE U.P. RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE U.P. RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
- THE CONTRACTOR SHALL INSTALL THE SIGHT SCREEN CHAIN LINK FENCE AS SHOWN ON THE PLANS ALONG THE ARLINGTON PARK RACE TRACK PRACTICE TRACK AT THE BEGINNING OF THE PROJECT.
- GEOTECHNICAL SOILS REPORTS AND OTHER ADVANCED PLANNING DOCUMENTS WERE PREPARED FOR THIS PROJECT AND ARE AVAILABLE FOR BIDDER'S REVIEW BY CONTACTING THE LEAD LOCAL AGENCY AT TELEPHONE NUMBER 847-963-0500.

PERMIT CHART

AGENCY	PERMIT #	DATE ISSUED
USACE	LRC-2012-00262	10/16/2012
IDNR	NE2012066	11/2/2012

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Chicago, Illinois 60656  
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USER NAME = jkjoelma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
INDEX OF SHEETS AND GENERAL NOTES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	2
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN - 80% FEDERAL, 20% LOCAL	CMAQ - 80% FEDERAL, 20% LOCAL
				ROADWAY 0004	BIKE PATH 0028
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	410	410	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	310	310	
20101000	TEMPORARY FENCE	FOOT	800	800	
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	14	7	7
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	18	9	9
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	115	57.5	57.5
* 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	115	57.5	57.5
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	115	57.5	57.5
20200100	EARTH EXCAVATION	CU YD	3,045	3,045	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,668	1,668	
20400800	FURNISHED EXCAVATION	CU YD	2,127	2,127	
20800150	TRENCH BACKFILL	CU YD	389		389
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	5,700	3,705	1,995
* 25000210	SEEDING, CLASS 2A	ACRE	1.00	0.50	0.50
* 25000310	SEEDING, CLASS 4	ACRE	0.25	0.125	0.125
* 25100105	MULCH, METHOD 1	ACRE	0.25	0.125	0.125
* 25100630	EROSION CONTROL BLANKET	SO YD	5,700	2,850	2,850
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	120	60	60
28000305	TEMPORARY DITCH CHECKS	FOOT	250	125.0	125.0
28000400	PERIMETER EROSION BARRIER	FOOT	4,600	2,300	2,300
28000510	INLET FILTERS	EACH	29	14.50	14.50
28100101	STONE RIPRAP, CLASS A1	SO YD	84		84
28100105	STONE RIPRAP, CLASS A3	SO YD	112		112
28100107	STONE RIPRAP, CLASS A4	SO YD	120		120

\* SPECIALTY ITEMS

(1) CONSTRUCTION TYPE CODE 0042

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	3
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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USER NAME = jellman	DESIGNED -	REVISED -
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PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN - 80% FEDERAL, 20% LOCAL	CMAQ - 80% FEDERAL, 20% LOCAL
				ROADWAY 0004	BIKE PATH 0028
28200200	FILTER FABRIC	SO YD	196		196
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	7,720	7,720	
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	3,410	3,410	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	150	150	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	55	55	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	65	65	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,790	3,080	1,710
40600300	AGGREGATE (PRIME COAT)	TON	25	25	
40600895	CONSTRUCTING TEST STRIP	EACH	2	2	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	11	11	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	780	343	437
40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SO YD	6,440	6,440	
44000100	PAVEMENT REMOVAL	SO YD	9,240	9,240	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	3,400	3,400	
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	180	180	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	530	530	
44000600	SIDEWALK REMOVAL	SO FT	630		630
44004250	PAVED SHOULDER REMOVAL	SO YD	790	790	
50102400	CONCRETE REMOVAL	CU YD	14.9		14.9
50104400	CONCRETE HEADWALL REMOVAL	EACH	1		1
50105220	PIPE CULVERT REMOVAL	FOOT	75		75
50200100	STRUCTURE EXCAVATION	CU YD	368		368
50300225	CONCRETE STRUCTURES	CU YD	15		15
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5,930		5,930

• SPECIALTY ITEMS

(1) CONSTRUCTION TYPE CODE 0042

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	4
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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PLOT SCALE = 2.0000 "/ IN.	DRAWN -	REVISED -
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN - 80% FEDERAL, 20% LOCAL	CMAQ - 80% FEDERAL, 20% LOCAL
				ROADWAY 0004	BIKE PATH 0028
54002020	EXPANSION BOLTS 3/4 INCH	EACH	32		32
54003000	CONCRETE BOX CULVERTS	CU YD	50.4		50.4
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	54		54
542A0253	PIPE CULVERTS, CLASS A, TYPE 1 48"	FOOT	90		90
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1		1
54215430	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 30"	EACH	2		2
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	1		1
54248510	CONCRETE COLLAR	CU YD	9		9
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	385		385
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	49		49
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	823		823
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	37		37
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	57		57
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2		2
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	11		11
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1
60222230	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1		1
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	7		7
60250200	CATCH BASINS TO BE ADJUSTED	EACH	6		6
60255500	MANHOLES TO BE ADJUSTED	EACH	8		8
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1		1
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1		1
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6.3		6.3

\* SPECIALTY ITEMS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	5
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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USER NAME = jkellman	DESIGNED -	REVISED -
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN - 80% FEDERAL, 20% LOCAL	CMAQ - 80% FEDERAL, 20% LOCAL
				ROADWAY 0004	BIKE PATH 0028
60601805	CONCRETE CURB TRANSITION	FOOT	10	10	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,400	4,400	
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	1,000	1,000	
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	144		144
63200310	GUARDRAIL REMOVAL	FOOT	25	25	
* 64000120	SIGHT SCREEN (CHAIN LINK FENCE) 8'	FOOT	690	690	
* 66400305	CHAIN LINK FENCE, 6'	FOOT	4,160		4,160
* 66400905	CHAIN LINK GATES, 4' X 6' SINGLE	EACH	1		1
66700705	FURNISHING AND ERECTING DRAINAGE MARKERS	EACH	6		6
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	2	2
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	13,210	13,210	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	200	200	
* 70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	1	1	
• 72000100	SIGN PANEL - TYPE 1	SQ FT	3	3	
• 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2	
• 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	
• 72900100	METAL POST - TYPE A	FOOT	25	25	
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,660	6,660	
• 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,680	1,680	
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,870	1,870	
• 78200530	BARRIER WALL MARKERS, TYPE C	EACH	6	6	
• A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	30	15	15
• D2003172	EVERGREEN, PSUEDOTSUGA MENZIESII (DOUGLAS FIR), 6' HEIGHT, BALLED AND	EACH	30	15	15

• SPECIALTY ITEMS

(1) CONSTRUCTION TYPE CODE 0042

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USER NAME = jellman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:8000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 7/22/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN - 80% FEDERAL, 20% LOCAL	CMAQ - 80% FEDERAL, 20% LOCAL
				ROADWAY 0004	BIKE PATH 0028
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	1		1
X0324752	STORM SEWER TO BE FILLED	CU YD	11		11
X5420648	PIPE CULVERTS TO BE CLEANED 48"	FOOT	128		128
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	4,760		4,760
* X6640535	CHAIN LINK FENCE, 6' ATTACHED TO STRUCTURE	FOOT	74.0		74.0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	120	60	60
XX003338	TEST HOLE	EACH	2	2	
Z0007120	WELDED WIRE FABRIC 6X6	SO YD	92		92
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	20		20
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	43	21.5	21.5
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1.0	
Z0054406	ROCK FILL - FOUNDATION	CU YD	16.0		16.0
Z0062456	TEMPORARY PAVEMENT	SO YD	2,010	2,010	
Z0064800	SELECTIVE CLEARING	UNIT	29	14.5	14.5
(1) Z0076600	TRAINEES	HOUR	500	250	250
(1) Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	250	250

• SPECIALTY ITEMS  
(1) CONSTRUCTION TYPE CODE 0042

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**Ciorba Group, Inc.**  
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5507 North Cumberland Avenue, Suite 402  
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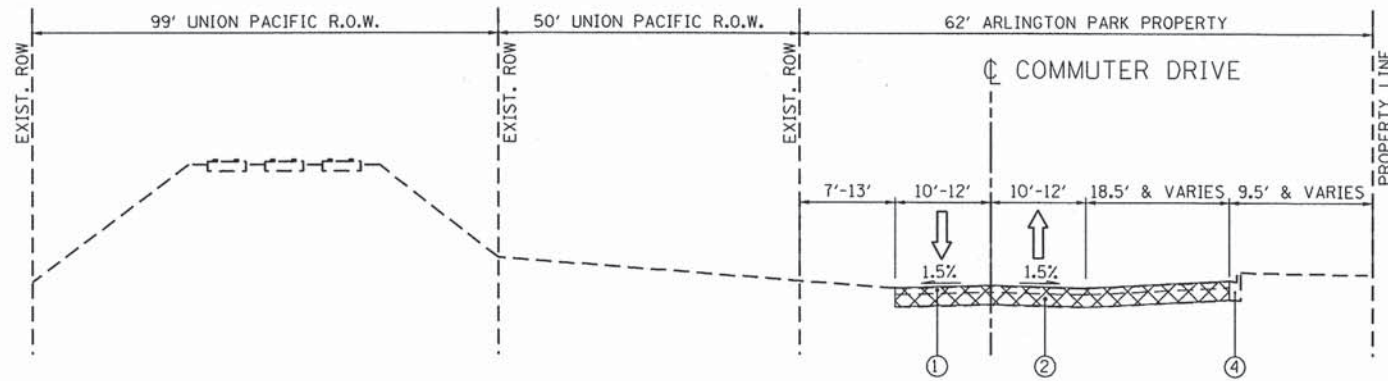
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

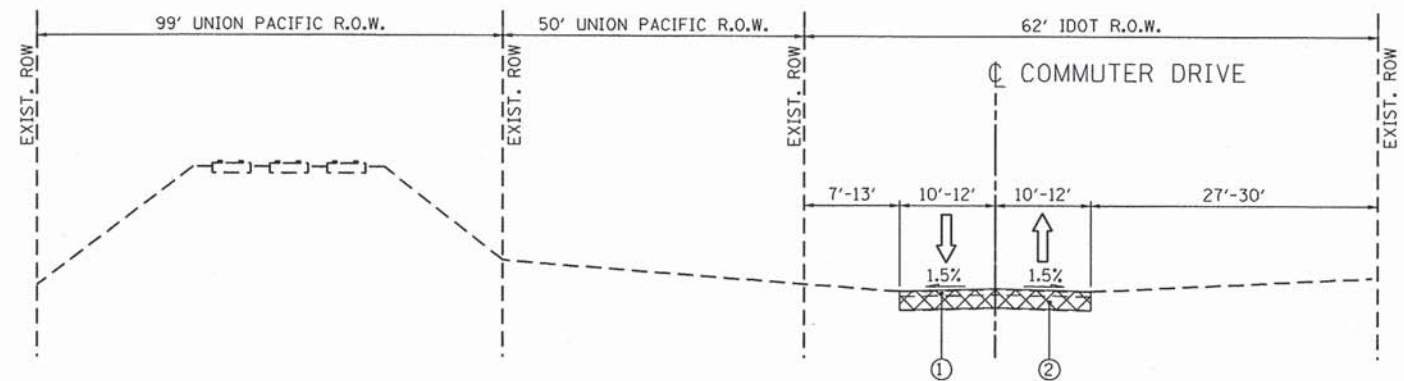
**COMMUTER DRIVE IMPROVEMENTS  
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

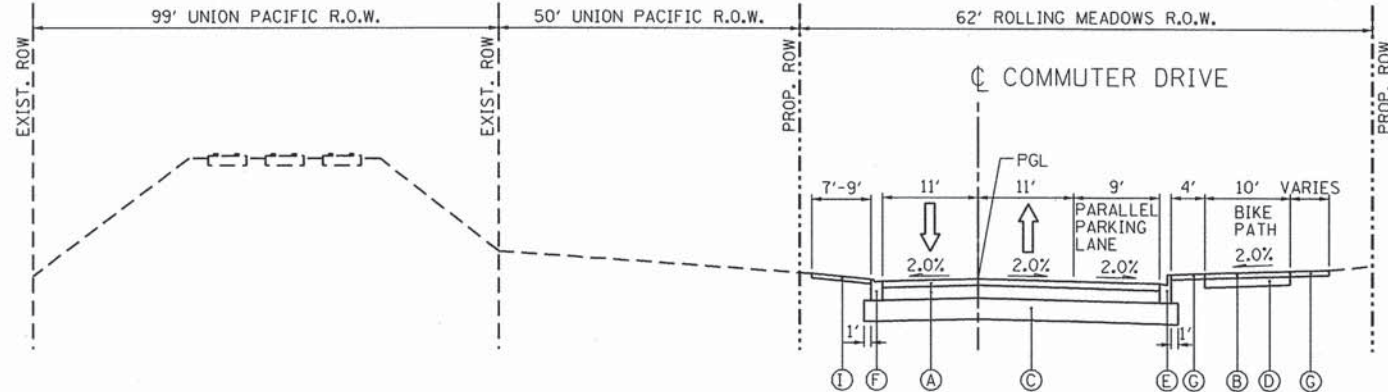
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	7
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	



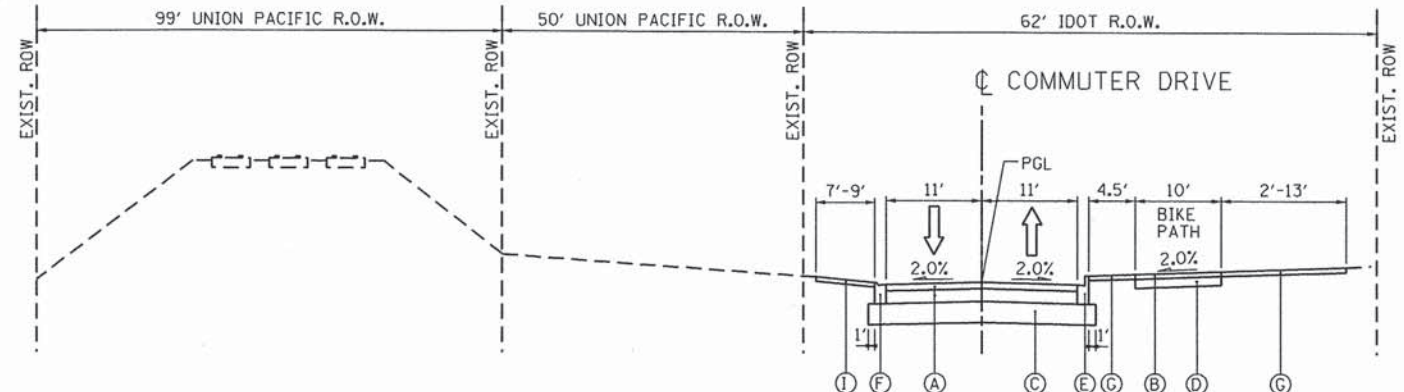
EXISTING TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 102+96.96 TO STA. 107+55



EXISTING TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 107+55 TO STA. 113+42



PROPOSED TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 102+96.96 TO STA. 107+55



PROPOSED TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 107+55 TO STA. 113+42

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATION	MIXTURE TYPE	AIR VOIDS @ NDES
ROADWAY RECONSTRUCTION	HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 6" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR. 4% @ 50 GYR.
ROADWAY RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 2"	4% @ 50 GYR.
BIKE PATH	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 2"	4% @ 50 GYR.
DRIVEWAY RECONSTRUCTION	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 1 1/2" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm), 8" (IN 3 LIFTS)	4% @ 50 GYR. 4% @ 50 GYR.
TEMPORARY PAVEMENT	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 2" TEMP PAVEMENT (HMA BINDER IL-19mm), 4"	4% @ 50 GYR. 4% @ 50 GYR.

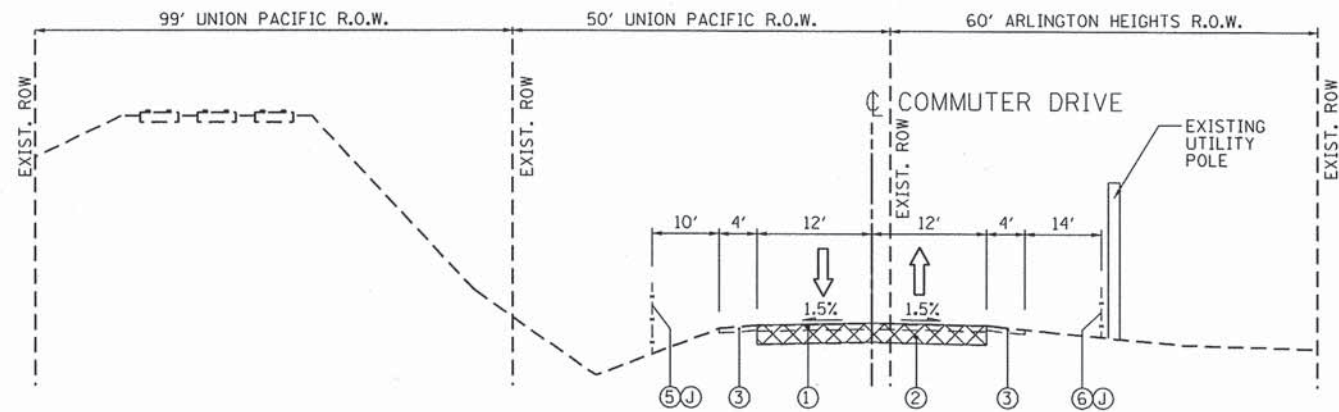
NOTE:  
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SOYD/IN.  
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.  
FOR "PERCENT OF RAP"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

- EXISTING LEGEND**
- ① BITUMINOUS CONCRETE SURFACE COURSE, 1" TO 2"
  - ② BITUMINOUS BASE COURSE, 0" TO 2"
  - ③ AGGREGATE SHOULDER
  - ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑤ METRA FENCE LINE
  - ⑥ ARLINGTON PARK FENCE LINE
  - ⊗ PAVEMENT REMOVAL (44000100)
  - ⊘ HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)

- PROPOSED LEGEND**
- (A) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6" (40701801) (2" SURFACE, 4" BINDER)
  - (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (40603335)
  - (C) AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
  - (D) SUBBASE GRANULAR MATERIAL, TYPE B 6" (31101400)
  - (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
  - (F) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 (60608300)
  - (G) TOPSOIL FURNISH AND PLACE, 4" (211013615)  
SEEDING, CLASS 2A (25000210)
  - (H) CHAIN LINK FENCE, 6' (66400305)
  - (I) AGGREGATE SURFACE COURSE, TYPE B (40200800)
  - (J) CHAIN LINK FENCE REMOVAL (X6640300)

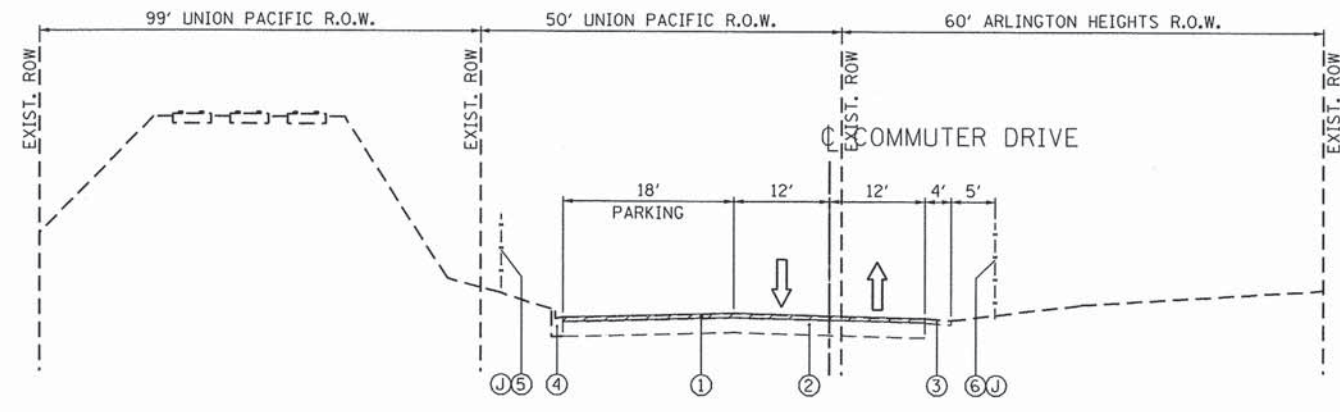
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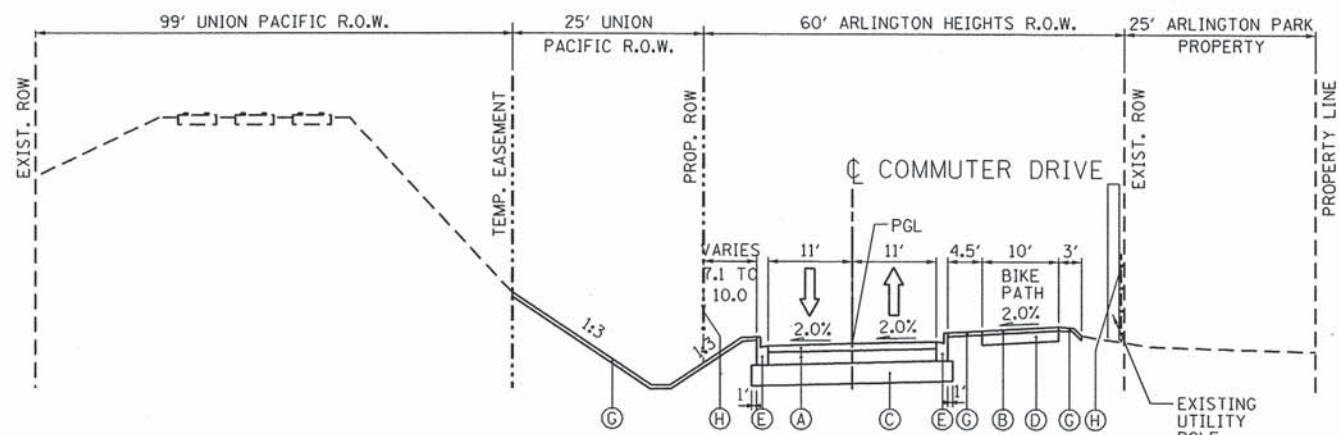
EXISTING TYPICAL SECTION

ARLINGTON PARK COMMUTER DRIVE  
STA. 113+42 TO STA. 128+01



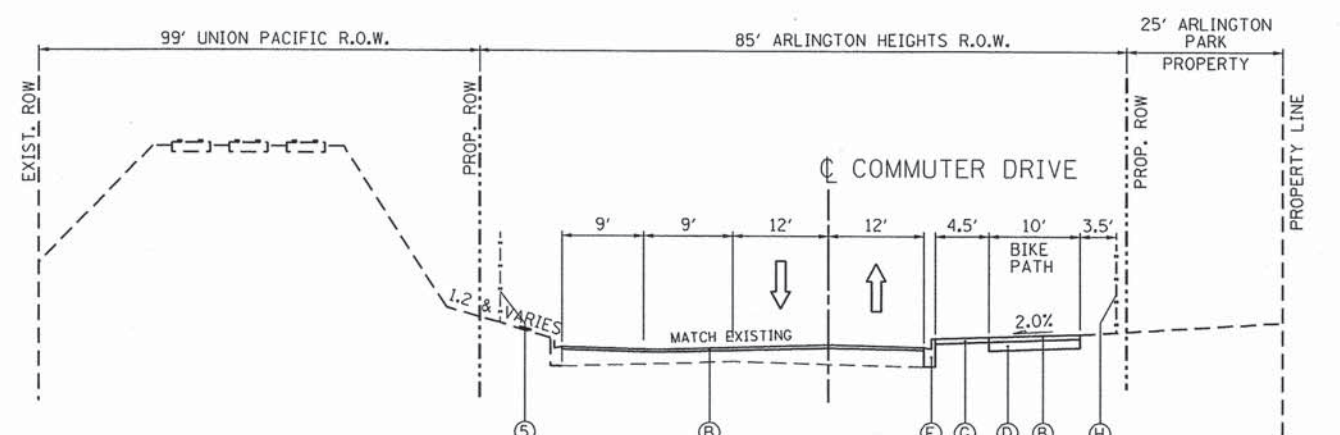
EXISTING TYPICAL SECTION

ARLINGTON PARK COMMUTER DRIVE  
STA. 128+01 TO STA. 132+29



PROPOSED TYPICAL SECTION

ARLINGTON PARK COMMUTER DRIVE  
STA. 113+42 TO STA. 128+01



PROPOSED TYPICAL SECTION

ARLINGTON PARK COMMUTER DRIVE  
STA. 128+01 TO STA. 132+29

EXISTING LEGEND

- ① BITUMINOUS CONCRETE SURFACE COURSE, 1" TO 2"
- ② BITUMINOUS BASE COURSE, 0" TO 2"
- ③ AGGREGATE SHOULDER
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤ METRA FENCE LINE
- ⑥ ARLINGTON PARK FENCE LINE
- ⊗ PAVEMENT REMOVAL (44000100)
- ⊘ HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)

PROPOSED LEGEND

- Ⓐ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6" (40701801) (2" SURFACE, 4" BINDER)
- Ⓑ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (40603335)
- Ⓒ AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
- Ⓓ SUBBASE GRANULAR MATERIAL, TYPE B 6" (31101400)
- Ⓔ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- Ⓕ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 (60608300)
- Ⓖ TOPSOIL FURNISH AND PLACE, 4" (211013615)  
SEEDING, CLASS 2A (25000210)
- Ⓗ CHAIN LINK FENCE, 6' (66400305)
- Ⓘ AGGREGATE SURFACE COURSE, TYPE B (40200800)
- Ⓙ CHAIN LINK FENCE REMOVAL (X6640300)

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**CG** Ciorba Group, Inc.  
CONSULTING ENGINEERS  
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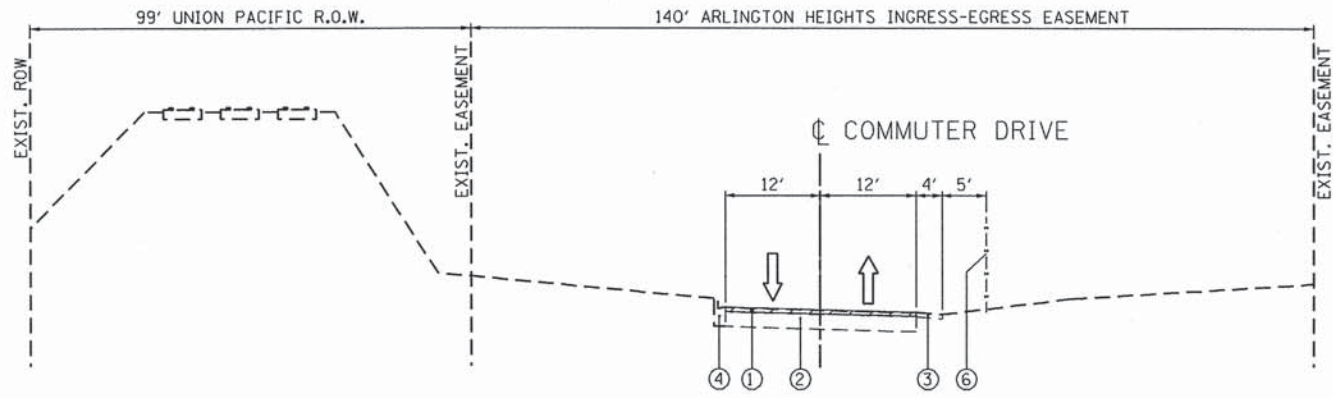
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	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

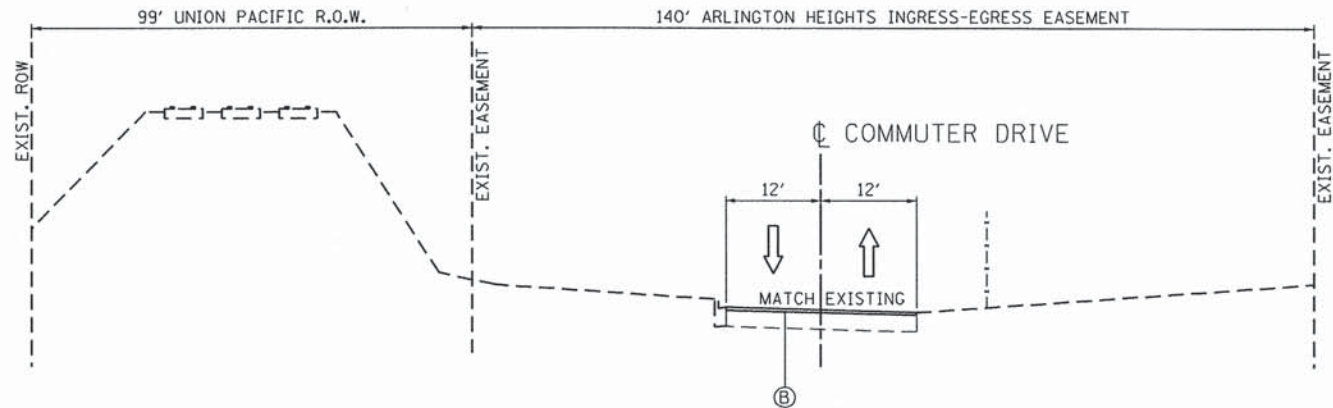
COMMUTER DRIVE IMPROVEMENTS  
TYPICAL SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	9
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 132+29 TO STA. 136+27



PROPOSED TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 132+29 TO STA. 136+27

EXISTING LEGEND

- ① BITUMINOUS CONCRETE SURFACE COURSE, 1" TO 2"
- ② BITUMINOUS BASE COURSE, 0" TO 2"
- ③ AGGREGATE SHOULDER
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤ METRA FENCE LINE
- ⑥ ARLINGTON PARK FENCE LINE
- ☒ PAVEMENT REMOVAL (44000100)
- ☒ HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)

PROPOSED LEGEND

- Ⓐ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6" (40701801) (2" SURFACE, 4" BINDER)
- Ⓑ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (40603335)
- Ⓒ AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
- Ⓓ SUBBASE GRANULAR MATERIAL, TYPE B 6" (31101400)
- Ⓔ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- Ⓕ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 (60608300)
- Ⓖ TOPSOIL FURNISH AND PLACE, 4" (211013615)  
SEEDING, CLASS 2A (25000210)
- Ⓗ CHAIN LINK FENCE, 6' (66400305)
- Ⓘ AGGREGATE SURFACE COURSE, TYPE B (40200800)
- Ⓙ CHAIN LINK FENCE REMOVAL (X6640300)

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**Ciorba Group, Inc.**  
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USER NAME = jk.jellman	DESIGNED - JMK	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - M.JL	REVISED -
	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS TYPICAL SECTIONS			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	10
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

			PRE-STAGE					STAGE 1					STAGE 2				
			20200100		20201200			20200100		20201200			20200100		20201200		
STATION			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
102+96.96	TO	103+00.00	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
103+00.00	TO	103+36.00	1.4	1.2	0.0	0.0	1.2	12.9	11.0	1.9	1.1	9.9	10.1	8.6	3.1	0.5	8.1
103+36.00	TO	104+00.00	5.6	4.7	0.0	0.0	4.7	45.6	38.8	7.1	2.6	36.2	37.0	31.4	11.0	0.9	30.5
104+00.00	TO	105+00.00	13.1	11.2	0.0	0.0	11.2	120.0	102.0	30.6	0.9	101.1	55.9	47.5	19.6	0.0	47.5
105+00.00	TO	106+00.00	20.9	17.8	0.0	0.0	17.8	145.6	123.7	31.5	0.0	123.7	55.7	47.4	22.4	0.0	47.4
106+00.00	TO	107+00.00	25.4	21.6	0.0	0.0	21.6	131.1	111.4	13.9	0.0	111.4	62.2	52.9	21.5	0.0	52.9
107+00.00	TO	108+00.00	22.8	19.4	0.0	0.0	19.4	105.7	89.9	6.9	0.0	89.9	64.8	55.1	19.4	0.0	55.1
108+00.00	TO	109+00.00	18.0	15.3	0.0	0.0	15.3	70.2	59.7	18.0	39.6	20.0	72.4	61.5	17.6	0.0	61.5
109+00.00	TO	110+00.00	18.7	15.9	0.0	0.0	15.9	55.4	47.1	31.3	55.7	-8.7	91.1	77.4	19.3	0.0	77.4
110+00.00	TO	111+00.00	19.1	16.2	0.0	0.0	16.2	61.5	52.3	23.9	29.1	23.2	76.1	64.7	20.2	0.0	64.7
111+00.00	TO	112+00.00	11.1	9.4	0.0	0.6	8.9	52.8	44.9	21.3	32.0	12.8	37.8	32.1	18.0	5.2	26.9
112+00.00	TO	113+00.00	4.1	3.5	0.0	0.6	2.9	48.3	41.1	43.7	133.1	-92.1	38.1	32.4	10.7	5.2	27.2
113+00.00	TO	114+00.00	1.3	1.1	0.0	0.0	1.1	42.0	35.7	51.5	153.9	-118.2	49.8	42.3	4.4	1.7	40.7
114+00.00	TO	115+00.00	2.0	1.7	0.0	0.6	1.2	35.6	30.2	37.6	93.0	-62.7	52.8	44.9	18.7	8.3	36.5
115+00.00	TO	116+00.00	6.3	5.4	0.0	0.9	4.4	36.5	31.0	36.9	113.3	-82.3	43.7	37.1	30.7	16.1	21.0
116+00.00	TO	117+00.00	7.4	6.3	0.0	1.5	4.8	35.6	30.2	33.1	109.8	-79.6	29.4	25.0	32.6	20.2	4.8
117+00.00	TO	118+00.00	5.0	4.3	0.0	4.8	-0.6	48.5	41.2	29.6	83.1	-41.9	37.8	32.1	36.7	18.7	13.4
118+00.00	TO	119+00.00	6.3	5.4	0.0	4.3	1.1	56.1	47.7	28.3	73.9	-26.2	50.9	43.3	38.1	13.0	30.3
119+00.00	TO	119+50.00	5.5	4.6	0.0	0.5	4.2	25.5	21.6	14.4	41.8	-20.1	25.3	21.5	19.0	5.1	16.4
119+50.00	TO	120+00.00	6.1	5.2	0.0	0.5	4.7	21.0	17.9	14.6	46.1	-28.2	18.5	15.7	18.2	5.8	9.9
120+00.00	TO	120+50.00	7.0	6.0	0.0	0.9	5.1	12.6	10.7	15.6	60.4	-49.7	8.6	7.3	18.4	8.7	-1.4
120+50.00	TO	121+00.00	8.0	6.8	0.0	0.8	5.9	3.6	3.1	17.7	102.7	-99.6	2.6	2.2	20.1	21.1	-18.9
121+00.00	TO	122+00.00	16.7	14.2	0.0	0.4	13.8	0.2	0.2	43.9	413.7	-413.5	23.5	20.0	48.5	123.0	-103.0
122+00.00	TO	123+00.00	10.0	8.5	0.0	33.3	-24.8	0.0	0.0	48.9	599.8	-599.8	21.5	18.3	53.0	247.2	-229.0
123+00.00	TO	124+00.00	1.9	1.6	0.0	46.7	-45.1	0.2	0.2	45.0	477.6	-477.4	0.0	0.0	45.7	211.3	-211.3
124+00.00	TO	125+00.00	3.9	3.3	0.0	17.8	-14.5	13.7	11.6	41.5	247.8	-236.1	16.7	14.2	30.6	64.4	-50.3
125+00.00	TO	126+00.00	5.2	4.4	0.0	4.8	-0.4	28.5	24.2	38.3	168.5	-144.3	40.9	34.8	18.7	13.7	21.1
126+00.00	TO	127+00.00	3.9	3.3	0.0	0.6	2.8	31.7	26.9	22.2	152.2	-125.3	46.3	39.4	15.0	10.7	28.6
127+00.00	TO	128+00.00	3.1	2.7	0.0	0.2	2.5	44.3	37.6	20.0	85.6	-47.9	48.0	40.8	10.4	7.6	33.2
128+00.00	TO	128+01.22	0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.4	0.3	0.3	1.0	0.9	0.1	0.0	0.8
128+01.22	TO	129+00.00	0.0	0.0	0.0	0.0	0.0	27.4	23.3	33.7	30.4	-7.0	56.2	47.7	3.8	0.9	46.8
129+00.00	TO	130+00.00	0.0	0.0	0.0	0.0	0.0	37.0	31.5	48.9	38.5	-7.0	0.0	0.0	0.0	0.0	0.0
130+00.00	TO	131+00.00	0.0	0.0	0.0	0.0	0.0	79.1	67.2	54.6	35.2	32.0	0.0	0.0	0.0	0.0	0.0
131+00.00	TO	132+00.00	0.0	0.0	0.0	0.0	0.0	111.3	94.6	69.1	44.6	50.0	0.0	0.0	0.0	0.0	0.0
132+00.00	TO	133+00.00	0.0	0.0	0.0	0.0	0.0	69.3	58.9	45.4	28.9	30.0	0.0	0.0	0.0	0.0	0.0
133+00.00	TO	134+00.00	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0
134+00.00	TO	135+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135+00.00	TO	136+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136+00.00	TO	136+27.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTALS</b>			<b>260</b>	<b>221</b>	<b>0</b>	<b>120</b>	<b>101</b>	<b>1,610</b>	<b>1,369</b>	<b>1,022</b>	<b>3,495</b>	<b>-2,127</b>	<b>1,175</b>	<b>999</b>	<b>646</b>	<b>809</b>	<b>189</b>

SUMMARY						
	20200100		20201200			20400800
STAGE	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION
PRE-STAGE	260	221	0	120	101	0
1	1,610	1,369	1,022	3,495	-2,127	2,127
2	1,175	999	646	809	189	0
<b>TOTAL</b>	<b>3,045</b>	<b>2,588</b>	<b>1,668</b>	<b>4,424</b>	<b>-1,836</b>	<b>2,127</b>

FILE NAME = \\svr202\public\proj\0003408\08\design\Misc\_Sheets\3480-sche-08.dgn



USER NAME = jk.jellman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
SCHEDULE OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	11
CONTRACT NO. 63717				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)		
LOCATION		UNIT
STATION	L/R	
121+65	LT	14
122+64	RT	10
122+64	RT	10
122+64	RT	10
122+64	RT	10
124+15	LT	12
124+87	LT	10
126+40	RT	6
126+40	RT	6
126+40	RT	6
126+42	RT	6
126+42	RT	6
126+53	RT	10
126+54	RT	14
126+56	RT	12
126+56	RT	12
126+57	RT	10
126+57	RT	10
126+81	RT	6
128+01	RT	10
128+22	RT	12
128+31	RT	12
128+45	RT	8
128+47	RT	6
128+57	RT	10
128+85	RT	8
129+77	RT	6
129+77	RT	6
129+77	RT	6
130+21	RT	6
130+32	RT	8
130+52	RT	6
131+15	RT	10
131+34	RT	14
131+38	RT	14
131+96	RT	12
131+96	RT	12
131+96	RT	12
133+48	RT	14
133+49	RT	10
133+59	RT	14
133+60	RT	14
<b>TOTAL</b>		<b>410</b>

TREE REMOVAL (OVER 15 UNITS DIAMETER) (20100210)		
LOCATION		UNIT
STATION	L/R	
117+65	LT	46
118+84	LT	16
121+84	LT	38
127+47	RT	20
129+58	RT	22
130+02	RT	22
131+00	RT	16
131+01	RT	16
131+15	RT	16
131+38	RT	20
131+96	RT	18
131+96	RT	18
131+96	RT	24
133+82	RT	16
<b>TOTAL</b>		<b>310</b>

TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED (A2007120)		
STATION	LOCATION	EACH
116+00	30' LT	1
116+30	31' RT	1
116+60	30' LT	1
116+90	31' RT	1
117+20	30' LT	1
117+50	31' RT	1
117+80	30' LT	1
118+10	31' RT	1
118+40	30' LT	1
118+70	31' RT	1
119+00	30' LT	1
119+30	31' RT	1
119+60	30' LT	1
119+90	31' RT	1
120+20	30' LT	1
120+50	31' RT	1
120+80	30' LT	1
121+10	31' RT	1
121+40	30' LT	1
121+70	31' RT	1
122+10	30' LT	1
123+00	31' RT	1
123+30	30' LT	1
123+60	31' RT	1
123+90	30' LT	1
124+20	31' RT	1
124+50	30' LT	1
124+80	31' RT	1
125+10	30' LT	1
125+40	31' RT	1
<b>TOTAL</b>		<b>30</b>

EVERGREEN, PSUEDOTSUGA MENZIESII (DOUGLAS FIR), 6' HEIGHT, BALLED AND BURLAPPED (D2003172)		
STATION	LOCATION	EACH
116+00	31' RT	1
116+30	30' LT	1
116+60	31' RT	1
116+90	30' LT	1
117+20	31' RT	1
117+50	30' LT	1
117+80	31' RT	1
118+10	30' LT	1
118+40	31' RT	1
118+70	30' LT	1
119+00	31' RT	1
119+30	30' LT	1
119+60	31' RT	1
119+90	30' LT	1
120+20	31' RT	1
120+50	30' LT	1
120+80	31' RT	1
121+10	30' LT	1
121+40	31' RT	1
121+70	30' LT	1
121+90	31' RT	1
123+00	30' LT	1
123+30	31' RT	1
123+60	30' LT	1
123+90	31' RT	1
124+20	30' LT	1
124+50	31' RT	1
124+80	30' LT	1
125+10	31' RT	1
125+40	30' LT	1
<b>TOTAL</b>		<b>30</b>

STONE RIPRAP, CLASS A1 (28100101)		
STATION	LOCATION	SQ YD
112+50	RT	84
<b>TOTAL</b>		<b>84</b>

STONE RIPRAP, CLASS A4 (28100107)		
STATION	LOCATION	SQ YD
112+50	RT	84
CULVERT		36
<b>TOTAL</b>		<b>120</b>

CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36" (54215436)		
STATION	LOCATION	EACH
112+32	67.8' RT	1
<b>TOTAL</b>		<b>1</b>

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" (54213657)		
STATION	LOCATION	EACH
112+89	41.2' RT	1
<b>TOTAL</b>		<b>1</b>

CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 30" (54215430)		
STATION	LOCATION	EACH
122+00	18.9' LT	1
122+00	39.1' RT	1
<b>TOTAL</b>		<b>2</b>

CATCH BASINS TO BE ADJUSTED (60250200)		
STATION	LOCATION	EACH
104+96	29' RT	1
108+69	29' RT	1
122+74	24' LT	1
130+17	21' LT	1
132+58	20' LT	1
136+26	12' LT	1
<b>TOTAL</b>		<b>6</b>

MANHOLES TO BE ADJUSTED (60255500)		
STATION	LOCATION	EACH
103+85	15' LT	1
107+25	41' RT	1
107+93	12' LT	1
111+78	3.9' LT	1
114+41	22.5' LT	1
120+84	10.7' LT	1
127+31	15.9' LT	1
128+03	21' LT	1
<b>TOTAL</b>		<b>8</b>

PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE (X0322917)		
STATION	LOCATION	EACH
128+03	20.8' LT	1
<b>TOTAL</b>		<b>1</b>

CONCRETE HEADWALL REMOVAL (50104400)		
STATION	LOCATION	EACH
112+43	36' RT	1
<b>TOTAL</b>		<b>1</b>

CONCRETE COLLAR (54248510)			
STATION	SIZE (IN)		CU YD
104+41	12		0.52
105+91	12		0.52
107+41	12		0.52
108+74	12		0.52
111+50	12		0.52
112+30	48		2.03
112+36	48		2.03
112+65	12		0.52
122+00	30		1.19
128+00	12		0.52
<b>TOTAL</b>			<b>9</b>

FURNISHING AND ERECTING DRAINAGE MARKERS (66700705)		
STATION	LOCATION	EACH
112+03	RT	1
112+23	RT	1
112+32	RT	1
112+89	RT	1
122+00	LT	1
122+00	RT	1
<b>TOTAL</b>		<b>6</b>

VALVE VAULTS TO BE ADJUSTED (60265700)		
STATION	LOCATION	EACH
107+62	32' RT	1
<b>TOTAL</b>		<b>1</b>

PIPE CULVERT REMOVAL (50105220)		
STATION	SIZE	FOOT
122+00	30	75
<b>TOTAL</b>		<b>75</b>

STORM SEWER TO BE FILLED (X0324752)		
STATION	LENGTH	CU YD
112+00	40	11
<b>TOTAL</b>		<b>11</b>

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USER NAME = jk.jelimon	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS SCHEDULE OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	12
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PIPE CULVERTS TO BE CLEANED 48" (X5420648)		
STATION		FOOT
122+30		61
122+38		67
TOTAL		130

CLASS SI CONCRETE (OUTLET) (60600095)		
STATION	LOCATION	CU YD
114+35	LT	0.3
115+05	LT	0.3
115+60	LT	0.3
116+20	LT	0.3
116+80	LT	0.3
117+40	LT	0.3
118+00	LT	0.3
118+60	LT	0.3
119+20	LT	0.3
119+90	LT	0.3
120+20	LT	0.3
120+90	LT	0.3
121+60	LT	0.3
123+60	LT	0.3
124+20	LT	0.3
124+80	LT	0.3
125+18	LT	0.3
125+61	LT	0.3
126+21	LT	0.3
126+81	LT	0.3
127+41	LT	0.3
TOTAL		6.3

VALVE BOXES TO BE ADJUSTED (60266600)		
STATION	LOCATION	EACH
107+60	37' RT	1
TOTAL		1

STONE RIPRAP, CLASS A3 (28100105)		
STATION	LOCATION	SQ YD
114+35	LT	5.3
115+05	LT	5.3
115+60	LT	5.3
116+20	LT	5.3
116+80	LT	5.3
117+40	LT	5.3
118+00	LT	5.3
118+60	LT	5.3
119+20	LT	5.3
119+90	LT	5.3
120+20	LT	5.3
120+90	LT	5.3
121+60	LT	5.3
123+60	LT	5.3
124+20	LT	5.3
124+80	LT	5.3
125+18	LT	5.3
125+61	LT	5.3
126+21	LT	5.3
126+81	LT	5.3
127+41	LT	5.3
TOTAL		112

FILTER FABRIC (28200200)		
STATION	LOCATION	SQ YD
112+50	RT	84
114+35	LT	5.3
115+05	LT	5.3
115+60	LT	5.3
116+20	LT	5.3
116+80	LT	5.3
117+40	LT	5.3
118+00	LT	5.3
118+60	LT	5.3
119+20	LT	5.3
119+90	LT	5.3
120+20	LT	5.3
120+90	LT	5.3
121+60	LT	5.3
123+60	LT	5.3
124+20	LT	5.3
124+80	LT	5.3
125+18	LT	5.3
125+61	LT	5.3
126+21	LT	5.3
126+81	LT	5.3
127+41	LT	5.3
END OF CULVERT		36.0
TOTAL		196

STRUCTURE NO.	DESCRIPTION	STATION	OFFSET
08A-MH	MAN TA 9 DIA T1F CL	112+03	33.9' RT
08B-MH	MAN TA 5 DIA T1F CL	112+23	67.9' RT
EB 01-CB	CB TA 4 DIA T23F&G	104+41	21' RT
EB 02-CB	CB TA 4 DIA T23F&G	105+91	21' RT
EB 03-CB	CB TA 4 DIA T23F&G	107+41	21' RT
EB 04-CB	CB TA 4 DIA T23F&G	107+54	12' RT
EB 05-CB	CB TA 4 DIA T23F&G	108+74	12' RT
EB 06-CB	CB TA 4 DIA T23F&G	109+94	12' RT
EB 07-CB	CB TA 4 DIA T23F&G	111+14	12' RT
EB 08-MH	MAN TA 5 DIA T23F&G	111+50	12' RT
EB 09-CB	CB TA 4 DIA T11F&G	112+65	12' RT
EB 10-CB	CB TA 4 DIA T23F&G	128+01	12.9' RT
EB 11-CB	CB TA 4 DIA T23F&G	128+92	13.3' RT
EB 12-INLET	INLETS TA T23F&G	130+02	13.7' RT
WB 01-INLET	INLETS TA T23F&G	104+41	12' LT
WB 02-INLET	INLETS TA T23F&G	105+91	12' LT
WB 03-INLET	INLETS TA T23F&G	107+41	12' LT
WB 04-INLET	INLETS TA T23F&G	108+74	12' LT
WB 05-INLET	INLETS TA T23F&G	109+94	12' LT
WB 06-CB	CB TA 4 DIA T23F&G	111+14	12' LT
WB 07-CB	CB TA 4 DIA T23F&G	111+50	12' LT
WB 08-CB	CB TA 4 DIA T11F&G	112+65	12' LT
WB 09-INLET	INLETS TA T23F&G	113+42	12' LT

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USER NAME = jk.jellman	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 "/>	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	13
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

PIPE NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	TBF (CY)
1	STORM SEWERS, CLASS A, TYPE 1 12"	33	12	5
2	STORM SEWERS, CLASS A, TYPE 2 12"	150	12	47
3	STORM SEWERS, CLASS A, TYPE 1 12"	33	12	5
4	STORM SEWERS, CLASS A, TYPE 2 12"	150	12	30
5	STORM SEWERS, CLASS A, TYPE 1 12"	33	12	2
6	STORM SEWERS, CLASS A, TYPE 1 12"	15	12	3
7	STORM SEWERS, CLASS A, TYPE 2 12"	120	12	27
8	STORM SEWERS (SPECIAL), 8"	24	8	1
9	STORM SEWERS, CLASS A, TYPE 2 12"	120	12	24
10	STORM SEWERS (SPECIAL), 8"	120	8	5
11	STORM SEWERS, CLASS A, TYPE 2 12"	120	12	25
12	STORM SEWERS, CLASS A, TYPE 1 12"	37	12	2
13	STORM SEWERS, CLASS A, TYPE 2 18"	37	18	10
14	STORM SEWERS, CLASS A, TYPE 2 12"	24	12	28
15	STORM SEWERS, CLASS A, TYPE 2 36"	57	36	83
16	STORM SEWERS, CLASS A, TYPE 1 36"	39	36	0
17	STORM SEWERS, CLASS A, TYPE 1 36"	10	36	0
18	STORM SEWERS, CLASS A, TYPE 2 12"	38	12	11
19	STORM SEWERS, CLASS A, TYPE 2 12"	24	12	7
20	STORM SEWERS, CLASS A, TYPE 2 12"	77	12	20
21	STORM SEWERS, CLASS A, TYPE 1 12"	33	12	6
22	STORM SEWERS, CLASS A, TYPE 1 12"	91	12	15
23	STORM SEWERS, CLASS A, TYPE 1 12"	110	12	20
	PIPE CULVERTS, CLASS A, TYPE 1 30"	54	30	13
	PIPE CULVERTS, CLASS A, TYPE 1 48"	45	48	0
	PIPE CULVERTS, CLASS A, TYPE 1 48"	45	48	0

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USER NAME = jk.jellman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 "/> <td>CHECKED -</td> <td>REVISED -</td>	CHECKED -	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
SCHEDULE OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

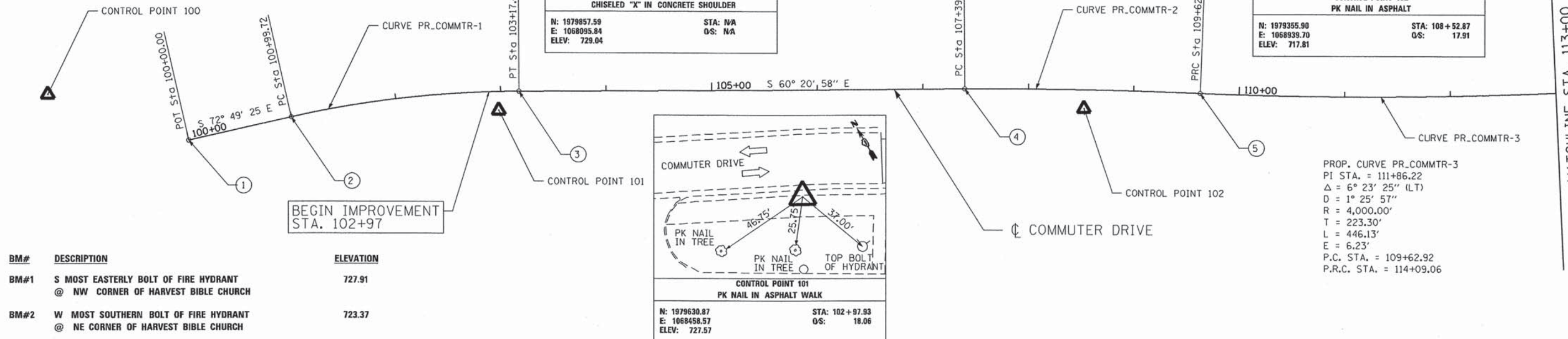
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	14
FED. ROAD DIST. NO. . ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

PROP. CURVE PR\_COMMTR-1  
 PI STA. = 102+09.01  
 $\Delta = 12^\circ 28' 27''$  (RT)  
 D = 5° 43' 46"  
 R = 1,000.00'  
 T = 109.29'  
 L = 217.71'  
 E = 5.95'  
 P.C. STA. = 100+99.72  
 P.T. STA. = 103+17.43

PROP. CURVE PR\_COMMTR-2  
 PI STA. = 108+51.26  
 $\Delta = 2^\circ 33' 35''$  (RT)  
 D = 1° 08' 45"  
 R = 5,000.00'  
 T = 111.70'  
 L = 223.37'  
 E = 1.25'  
 P.C. STA. = 107+39.55  
 P.T. STA. = 109+62.92

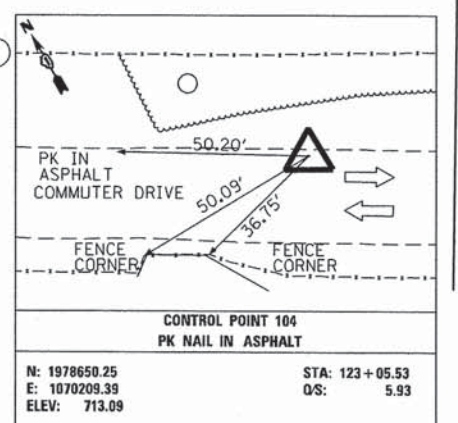
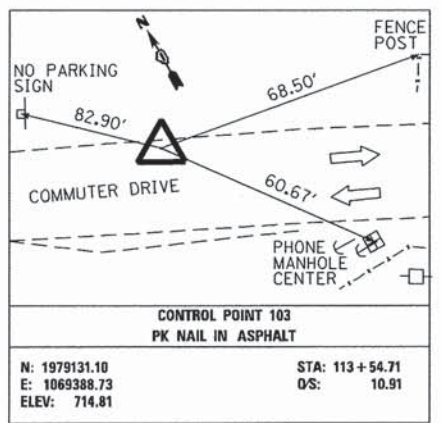
PROP. CURVE PR\_COMMTR-3  
 PI STA. = 111+86.22  
 $\Delta = 6^\circ 23' 25''$  (LT)  
 D = 1° 25' 57"  
 R = 4,000.00'  
 T = 223.30'  
 L = 446.13'  
 E = 6.23'  
 P.C. STA. = 109+62.92  
 P.R.C. STA. = 114+09.06

PROP. CURVE PR\_COMMTR-4  
 PI STA. = 115+14.41  
 $\Delta = 4^\circ 49' 33''$  (RT)  
 D = 2° 17' 31"  
 R = 2,500.00'  
 T = 105.35'  
 L = 210.57'  
 E = 2.22'  
 P.R.C. STA. = 114+09.06  
 P.T. STA. = 116+19.63



BM#	DESCRIPTION	ELEVATION
BM#1	S MOST EASTERLY BOLT OF FIRE HYDRANT @ NW CORNER OF HARVEST BIBLE CHURCH	727.91
BM#2	W MOST SOUTHERN BOLT OF FIRE HYDRANT @ NE CORNER OF HARVEST BIBLE CHURCH	723.37

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
1	COMMUTER DRIVE	P.O.T. STATION	100+00.00	1,979,753.04	1,068,189.57
2	COMMUTER DRIVE	P.C. STATION	100+99.72	1,979,723.59	1,068,284.84
3	COMMUTER DRIVE	P.T. STATION	103+17.43	1,979,637.25	1,068,484.23
4	COMMUTER DRIVE	P.C. STATION	107+39.55	1,979,428.43	1,068,851.08
5	COMMUTER DRIVE	P.R.C. STATION	109+62.92	1,979,313.62	1,069,042.67
6	COMMUTER DRIVE	P.R.C. STATION	114+09.06	1,979,097.34	1,069,432.61
7	COMMUTER DRIVE	P.T. STATION	116+19.63	1,978,997.76	1,069,618.07
8	COMMUTER DRIVE	P.O.T. STATION	120+15.81	1,978,795.82	1,069,958.92
9	COMMUTER DRIVE	P.O.T. STATION	122+16.35	1,978,690.60	1,070,129.65



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

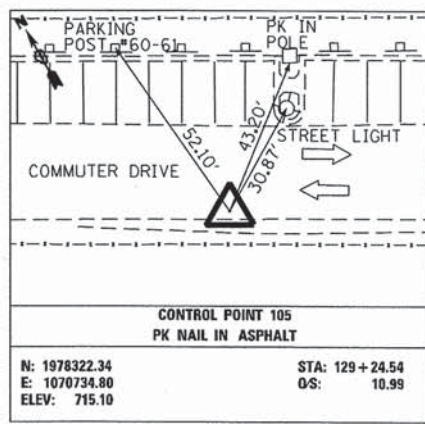
COMMUTER DRIVE IMPROVEMENTS  
 ALIGNMENTS, TIES, AND BENCHMARKS

**CG** Ciorba Group, Inc.  
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USER NAME = jk_jellman	DESIGNED - JMK	REVISED -
PLOT SCALE = 100.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

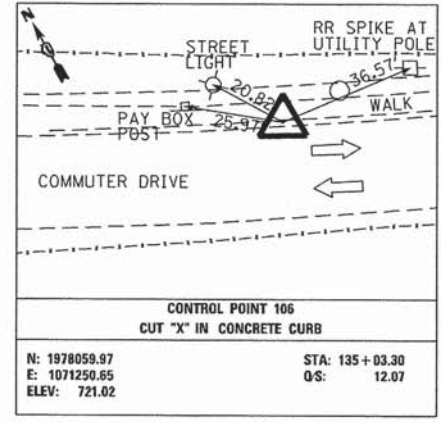
SCALE: 1" = 50'  
 SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	15
FED. ROAD DIST. NO. - ILLINOIS			CONTRACT NO. 63717	
FED. AID PROJECT				



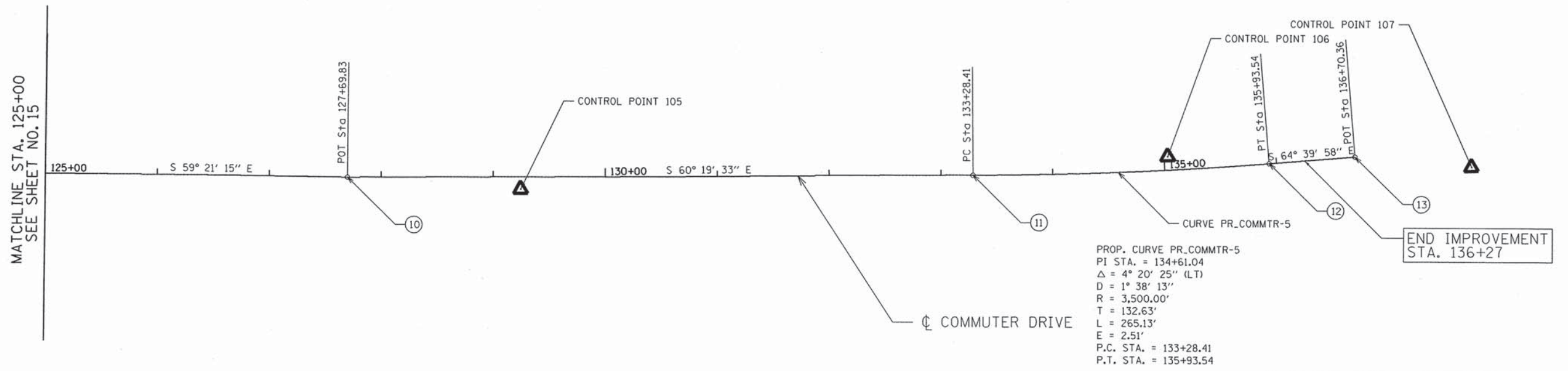
**CONTROL POINT 105**  
PK NAIL IN ASPHALT

N: 1978322.34      STA: 129+24.54  
E: 1070734.80      QS: 10.99  
ELEV: 715.10

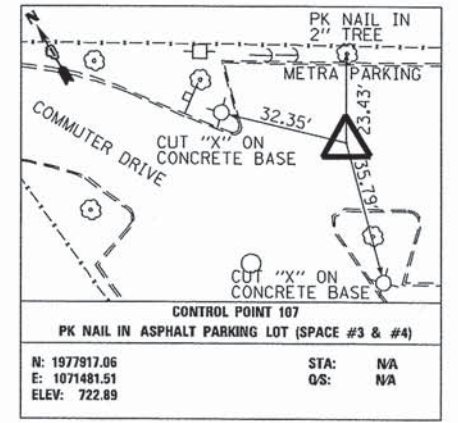


**CONTROL POINT 106**  
CUT "X" IN CONCRETE CURB

N: 1978059.97      STA: 135+03.30  
E: 1071250.85      QS: 12.07  
ELEV: 721.02



PROP. CURVE PR\_COMMTR-5  
PI STA. = 134+61.04  
 $\Delta = 4^\circ 20' 25''$  (LT)  
D = 1° 38' 13"  
R = 3,500.00'  
T = 132.63'  
L = 265.13'  
E = 2.51'  
P.C. STA. = 133+28.41  
P.T. STA. = 135+93.54



**CONTROL POINT 107**  
PK NAIL IN ASPHALT PARKING LOT (SPACE #3 & #4)

N: 1977917.06      STA: NA  
E: 1071481.51      QS: NA  
ELEV: 722.89

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
10	COMMUTER DRIVE	P.O.T. STATION	127+69.83	1,978,408.48	1,070,605.82
11	COMMUTER DRIVE	P.C. STATION	133+28.41	1,978,131.94	1,071,091.15
12	COMMUTER DRIVE	P.T. STATION	135+93.54	1,978,009.53	1,071,326.25
13	COMMUTER DRIVE	P.O.T. STATION	136+70.36	1,977,976.66	1,071,395.69

FILE NAME: \\svr202\public\proj\08034\08\_08\design\Misc\_Sheets\3408r-alignments82.dgn

**CG** Ciorba Group, Inc.  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60656  
Tel: 773.775.4009 Fax: 773.775.4014

USER NAME = jk_jellman	DESIGNED - JMK	REVISED -
	DRAWN - JMK	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - MJL	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

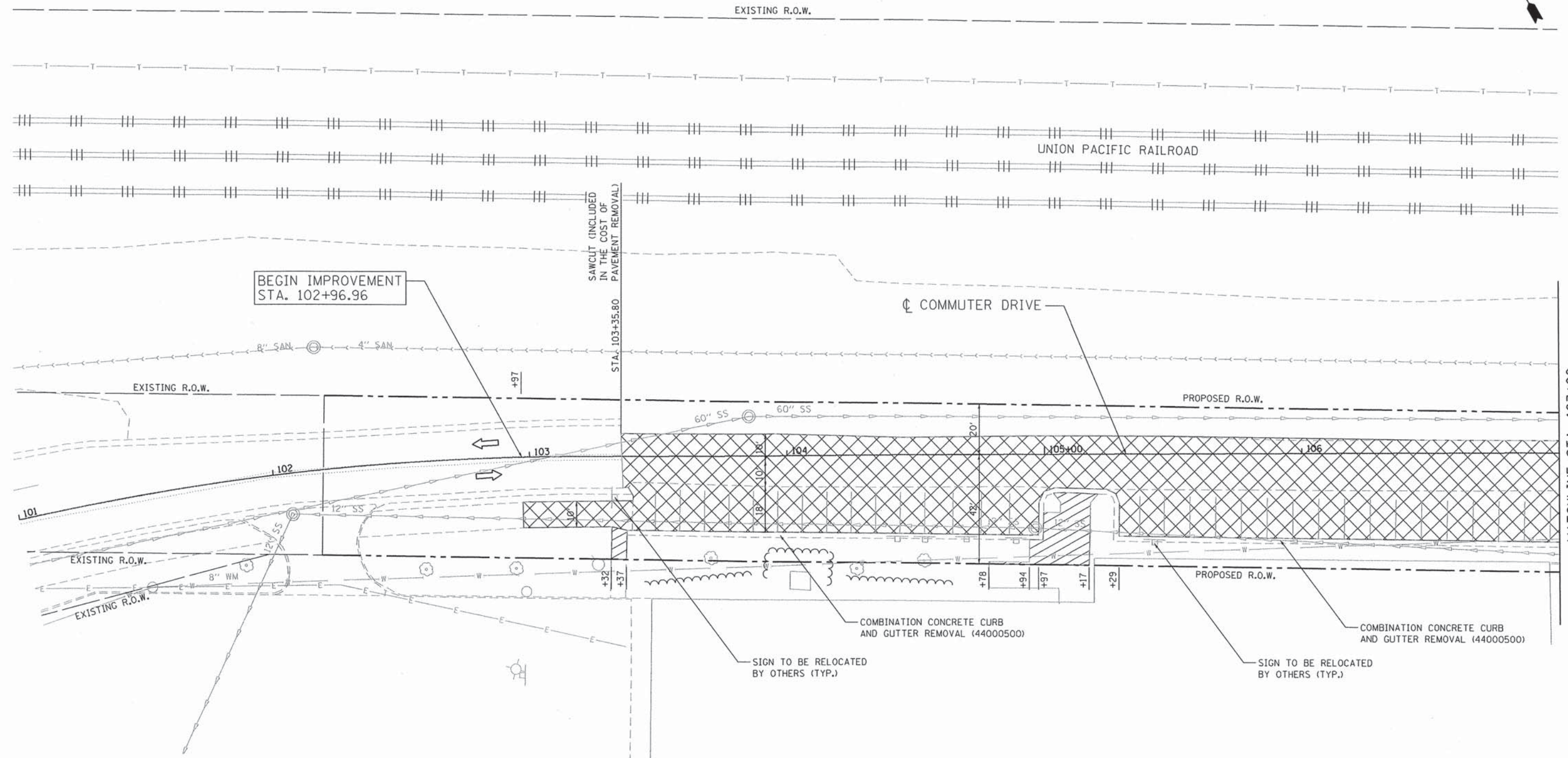
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
ALIGNMENTS, TIES, AND BENCHMARKS**

SCALE: 1" = 50'    SHEET NO. OF SHEETS    STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	16
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				





MATCHLINE STA. 107+00  
SEE SHEET NO. 18

BEGIN IMPROVEMENT  
STA. 102+96.96

SAWCLIT (INCLUDED  
IN THE COST OF  
PAVEMENT REMOVAL)

☐ COMMUTER DRIVE

- LEGEND**
- PAVEMENT REMOVAL (44000100)
  - HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
  - PAVED SHOULDER REMOVAL (44004250)
  - SIDEWALK REMOVAL (44000600)
  - DRIVEWAY PAVEMENT REMOVAL (44000200)
  - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
  - TREE REMOVAL

SIGN TO BE RELOCATED  
BY OTHERS (TYP.)

COMBINATION CONCRETE CURB  
AND GUTTER REMOVAL (44000500)

SIGN TO BE RELOCATED  
BY OTHERS (TYP.)

COMBINATION CONCRETE CURB  
AND GUTTER REMOVAL (44000500)



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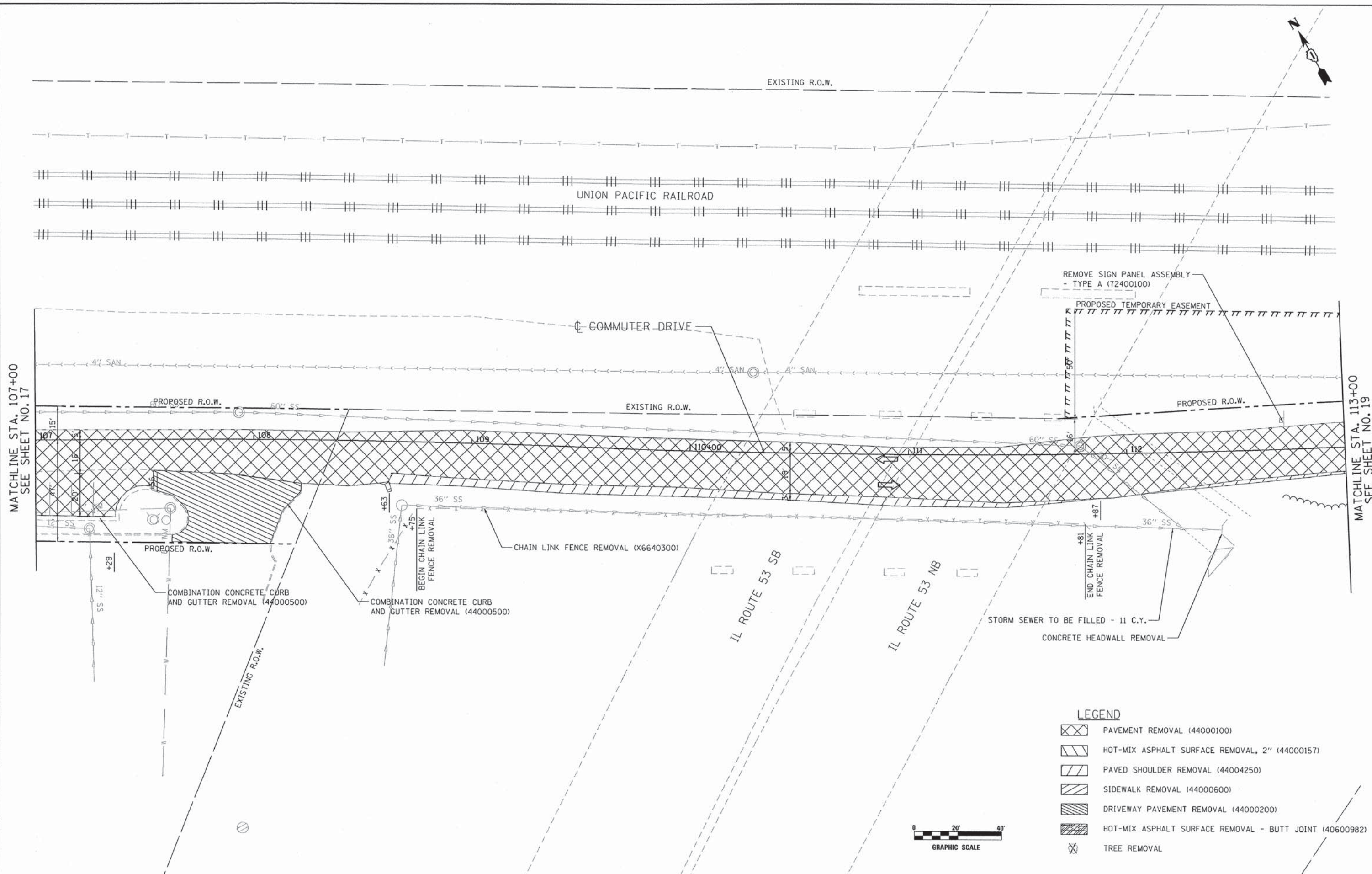
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PLOT SCALE = 48.0000' / IN.	CHECKED - MJL	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
REMOVAL PLANS**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	17
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



MATCHLINE STA. 107+00  
SEE SHEET NO. 17

MATCHLINE STA. 113+00  
SEE SHEET NO. 19

**LEGEND**

- PAVEMENT REMOVAL (44000100)
- HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
- PAVED SHOULDER REMOVAL (44004250)
- SIDEWALK REMOVAL (44000600)
- DRIVEWAY PAVEMENT REMOVAL (44000200)
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
- TREE REMOVAL



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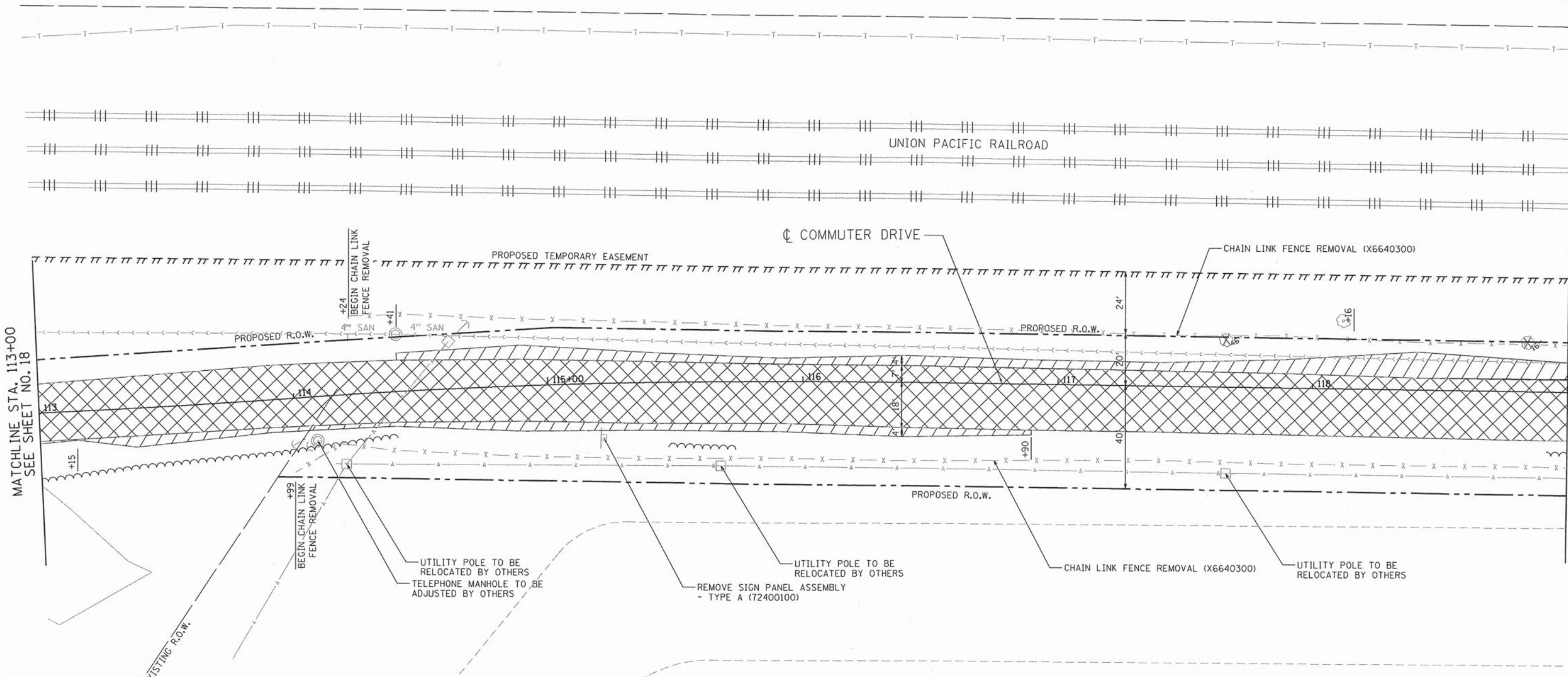
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	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
REMOVAL PLANS**

SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.
-----------------	---------------------	--------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	18
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 113+00  
SEE SHEET NO. 18

MATCHLINE STA. 119+00  
SEE SHEET NO. 20

**LEGEND**

	PAVEMENT REMOVAL (44000100)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
	PAVED SHOULDER REMOVAL (44004250)
	SIDEWALK REMOVAL (44000600)
	DRIVEWAY PAVEMENT REMOVAL (44000200)
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
	TREE REMOVAL



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5507 North Cumberland Avenue, Suite 402  
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USER NAME = jk.jellison	DESIGNED - JMK	REVISED -
PLOT SCALE = 40.0002' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - M.JL	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
REMOVAL PLANS**

SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.
-----------------	---------------------	--------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	19
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



EXISTING R.O.W.

UNION PACIFIC RAILROAD

COMMUTER DRIVE

CHAIN LINK FENCE REMOVAL (X6640300)

PROPOSED TEMPORARY EASEMENT

PROPOSED R.O.W.

MATCHLINE STA. 119+00  
SEE SHEET NO. 19

MATCHLINE STA. 125+00  
SEE SHEET NO. 21

PROPOSED R.O.W.

PROPOSED PERMANENT EASEMENT

UTILITY POLE TO BE RELOCATED BY OTHERS

UTILITY POLE TO BE RELOCATED BY OTHERS








PIPE CULVERT REMOVAL - 75 FT

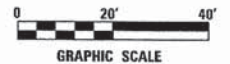
GUARDRAIL REMOVAL (63200310)

UTILITY POLE TO BE RELOCATED BY OTHERS

CHAIN LINK FENCE REMOVAL (X6640300)

LEGEND

-  PAVEMENT REMOVAL (44000100)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
-  PAVED SHOULDER REMOVAL (44004250)
-  SIDEWALK REMOVAL (44000600)
-  DRIVEWAY PAVEMENT REMOVAL (44000200)
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
-  TREE REMOVAL



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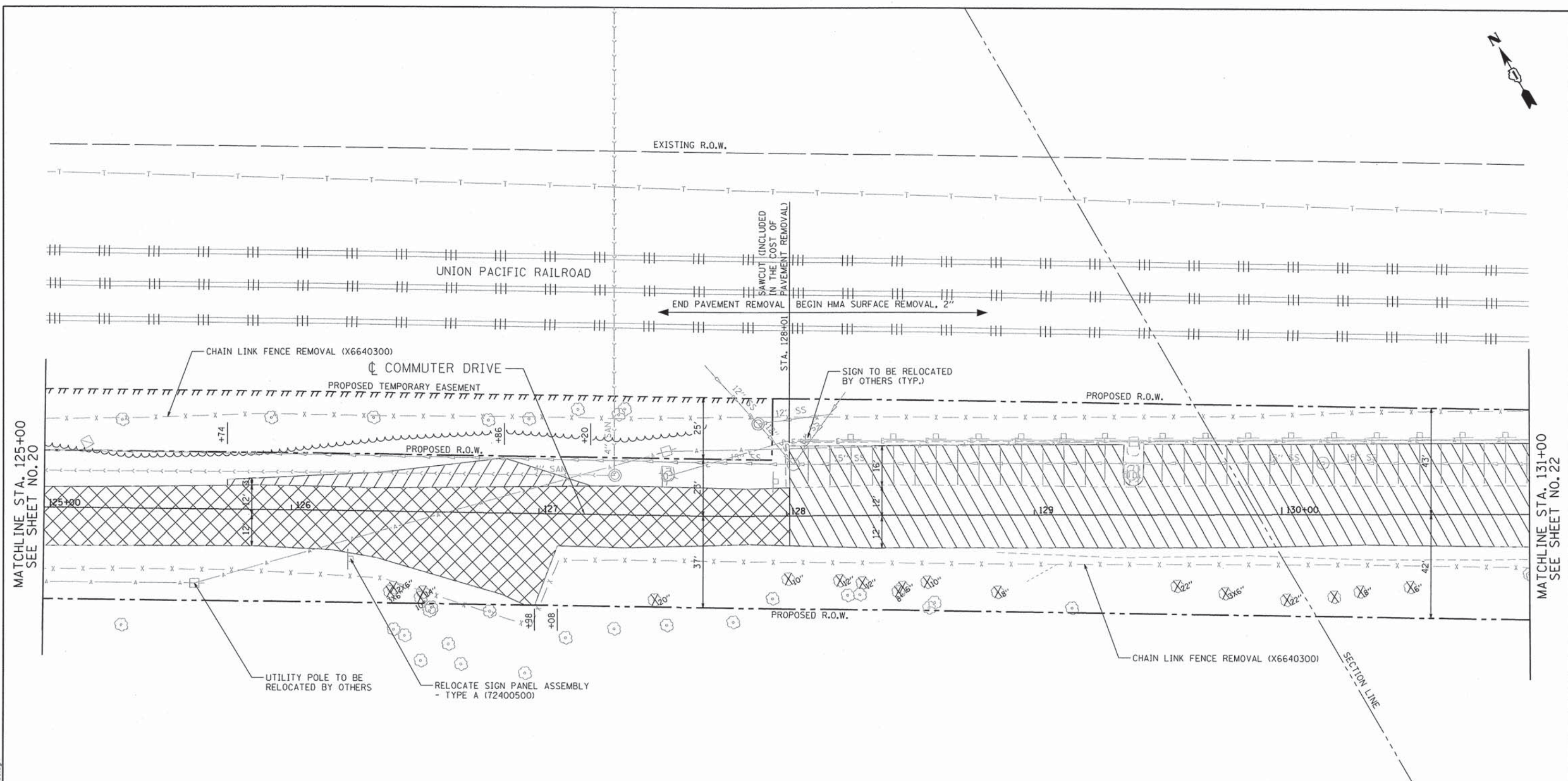
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PLOT SCALE = 40.0000' / IN.	CHECKED - M.JL	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
REMOVAL PLANS

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	20
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	



MATCHLINE STA. 125+00  
SEE SHEET NO. 20

MATCHLINE STA. 131+00  
SEE SHEET NO. 22

**LEGEND**

- PAVEMENT REMOVAL (44000100)
- HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
- PAVED SHOULDER REMOVAL (44004250)
- SIDEWALK REMOVAL (44000600)
- DRIVEWAY PAVEMENT REMOVAL (44000200)
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
- TREE REMOVAL



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PLOT SCALE = 48.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>COMMUTER DRIVE IMPROVEMENTS REMOVAL PLANS</b>			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	21
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	



EXISTING R.O.W.

UNION PACIFIC RAILROAD

PROPOSED R.O.W.

EXISTING R.O.W.

MATCHLINE STA. 131+00  
SEE SHEET NO. 21

+27  
END CHAIN LINK  
FENCE REMOVAL

END IMPROVEMENT  
STA. 136+27.39

PROPOSED R.O.W.

PROPOSED R.O.W.








+95

CHAIN LINK FENCE REMOVAL (X6640300)

CHAIN LINK FENCE REMOVAL (X6640300)

EXISTING INGRESS EGRESS EASEMENT

LEGEND

-  PAVEMENT REMOVAL (44000100)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
-  PAVED SHOULDER REMOVAL (44004250)
-  SIDEWALK REMOVAL (44000600)
-  DRIVEWAY PAVEMENT REMOVAL (44000200)
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
-  TREE REMOVAL



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USER NAME = jkjoilman	DESIGNED - JMK	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - JMK	REVISED -
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	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

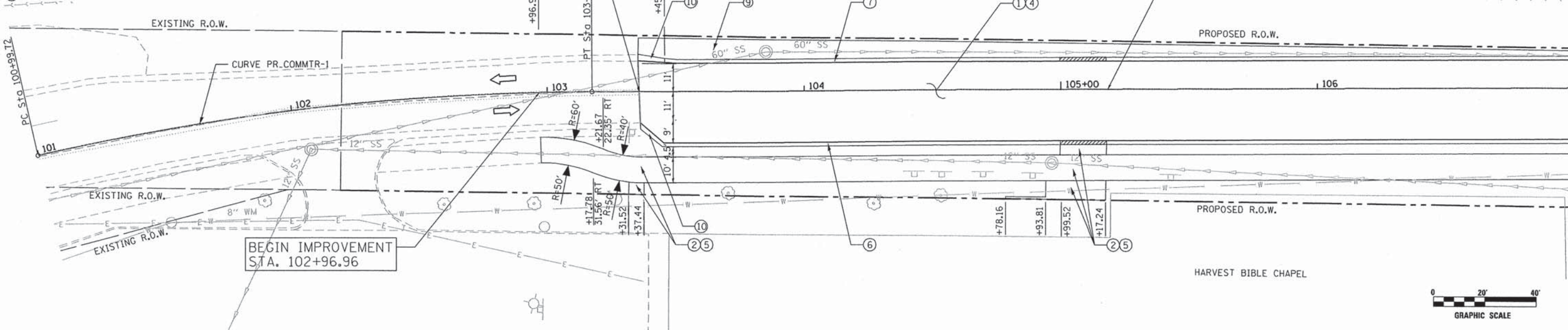
COMMUTER DRIVE IMPROVEMENTS  
REMOVAL PLANS

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

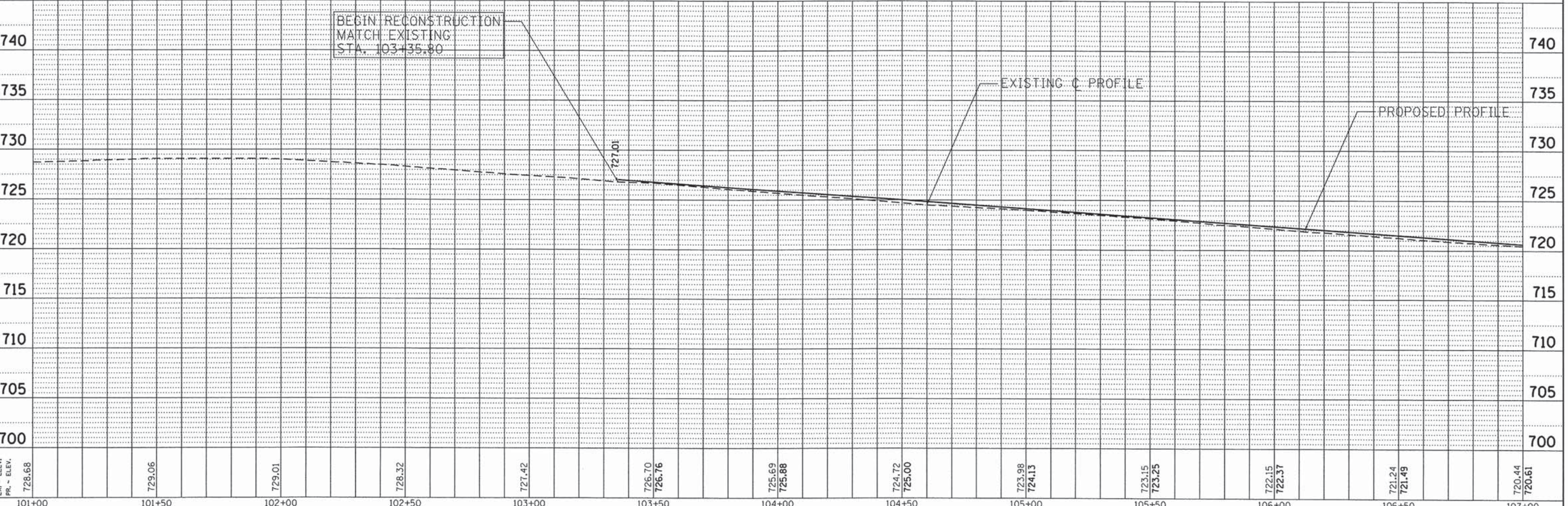
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	22
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

DATE	
BT	
PLAN	
DATE	
BT	
PROFILE	
DATE	
BT	

- LEGEND**
- ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6" (4070180) (2" SURFACE, 4" BINDER)
  - ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (40603335)
  - ③ HOT-MIX ASPHALT BASE COURSE, 8" (35501316)
  - ④ AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
  - ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 6" (31101400)
  - ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
  - ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 (60608300)
  - ⑧ CHAIN LINK FENCE, 6' (66400305)
  - ⑨ AGGREGATE SURFACE COURSE, TYPE B, 6" (40200800)
  - ⑩ CONCRETE CURB TRANSITION (60601805)
- DEPRESSED CURB



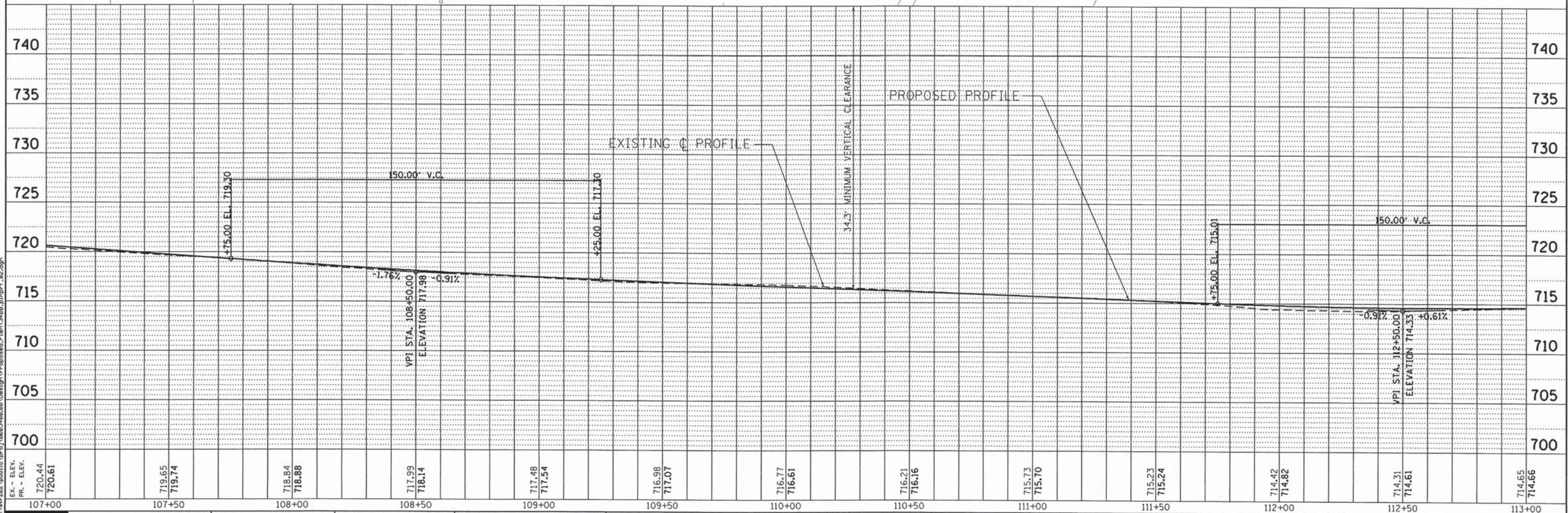
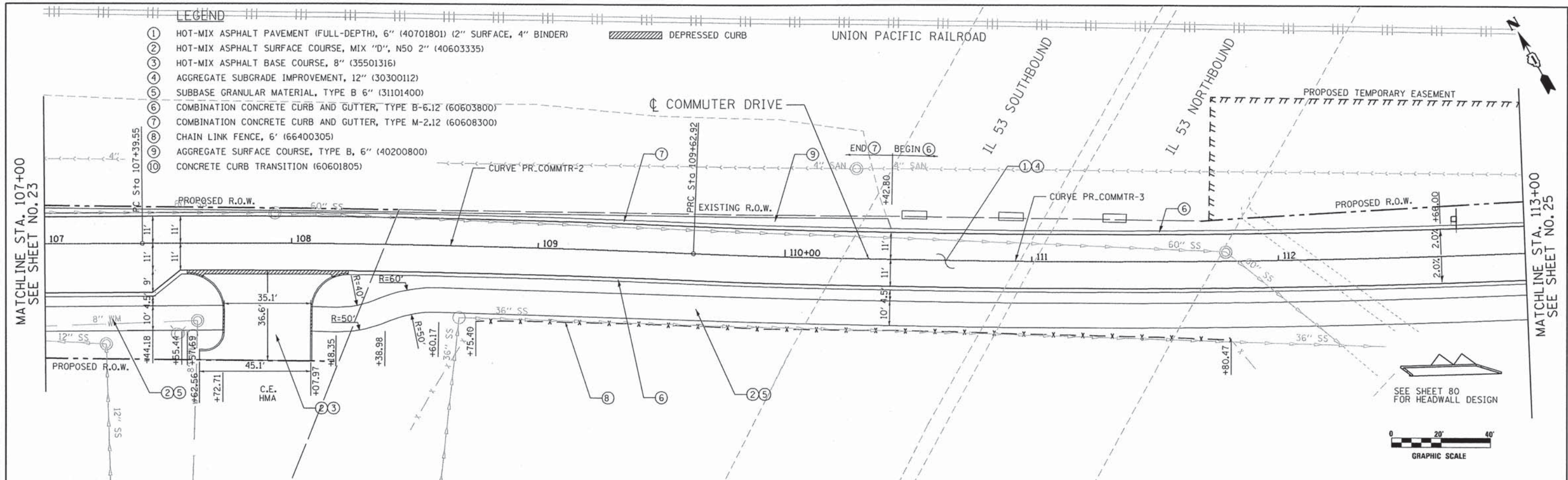
DATE	
BT	
PROFILE	
DATE	
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<p><b>Ciorba Group, Inc.</b> CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel. 773.775.4009 Fax 773.775.4014</p>	USER NAME = jk,jellman DESIGNED - JMK DRAWN - JMK CHECKED - MJL DATE - AUGUST 2012	REVISED - REVISED - REVISED - REVISED -	<p style="text-align: center;"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p style="text-align: center;"><b>COMMUTER DRIVE IMPROVEMENTS ROADWAY PLAN AND PROFILE</b></p>	SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 08-00097-00-BT COOK 97 23 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	PLOT SCALE = 48,0000' / IN. PLOT DATE = 7/15/2013	DATE - AUGUST 2012	CONTRACT NO. 63717			

PLAN	SURVEYED	DATE
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



EX. ELEV.	720.44	719.65	718.84	717.99	717.48	716.98	716.77	716.21	715.73	715.23	714.42	714.31	714.65
PR. ELEV.	720.61	719.74	718.88	718.14	717.54	717.07	716.61	716.16	715.70	715.24	714.82	714.61	714.66
	107+00	107+50	108+00	108+50	109+00	109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00

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PLOT SCALE = 40.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

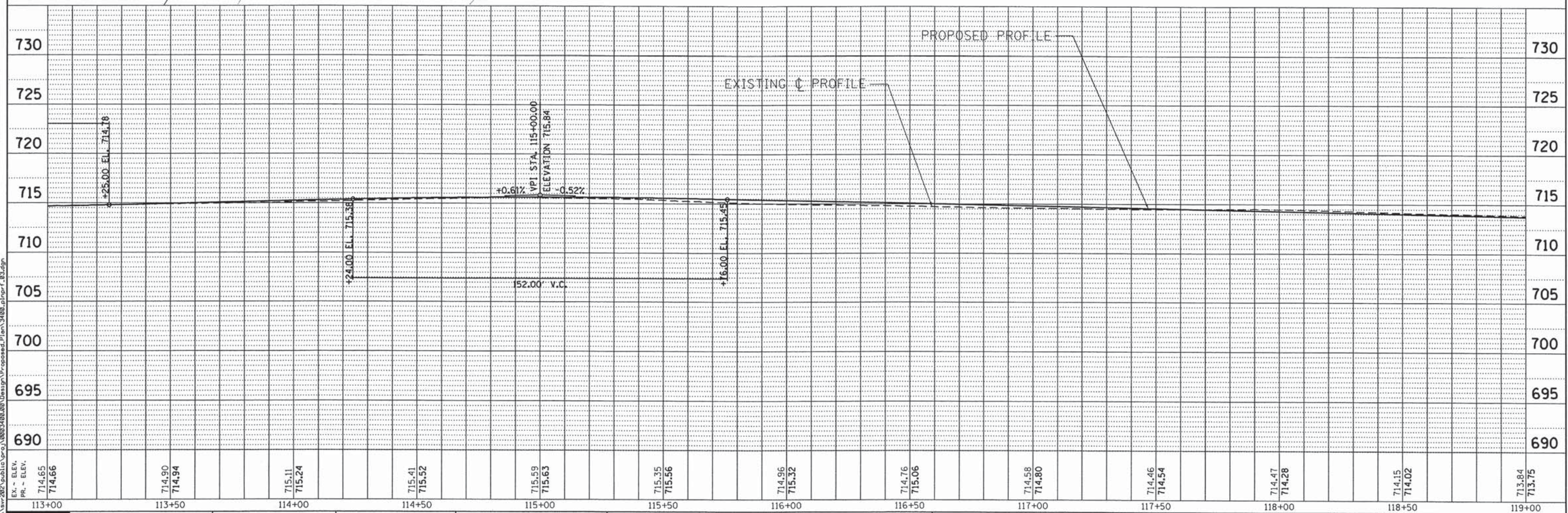
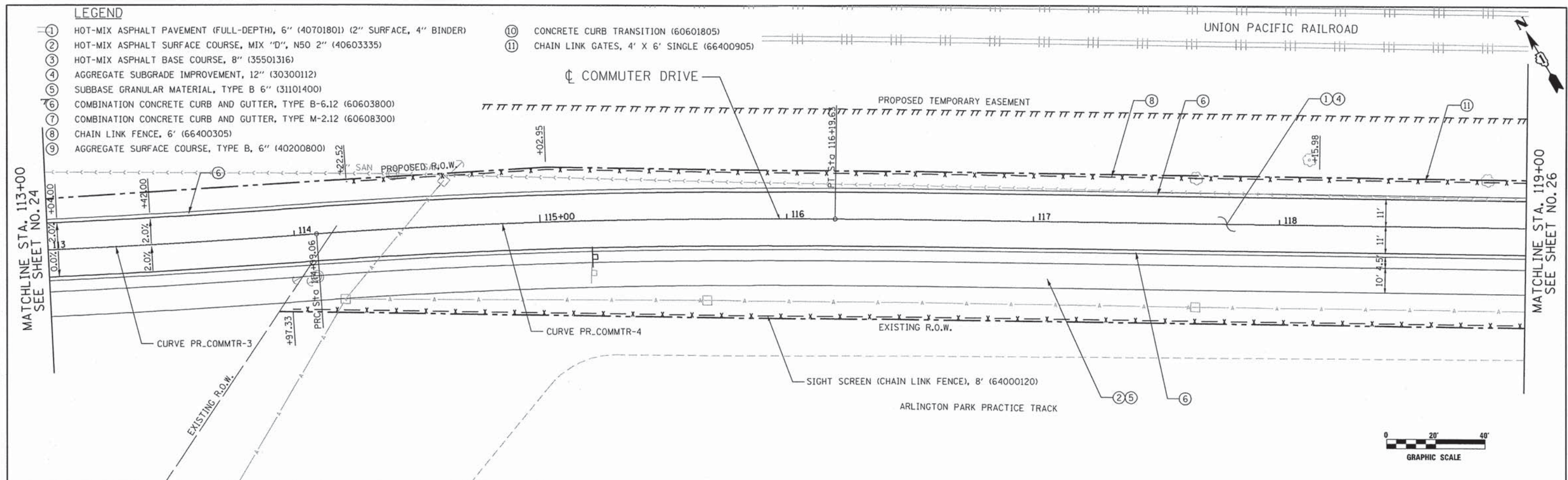
COMMUTER DRIVE IMPROVEMENTS  
ROADWAY PLAN AND PROFILE  
SCALE: 1" = 20'  
SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	24
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63717	



PLAN	SURVEYED	DATE
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	CHECKED	
	BY	
	NO. OF MAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF MAY CHECKED	
	STRUCTURE NOTATIONS CHFD	



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USER NAME = jkajlman	DESIGNED - JMK	REVISED -
PLOT SCALE = 40.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

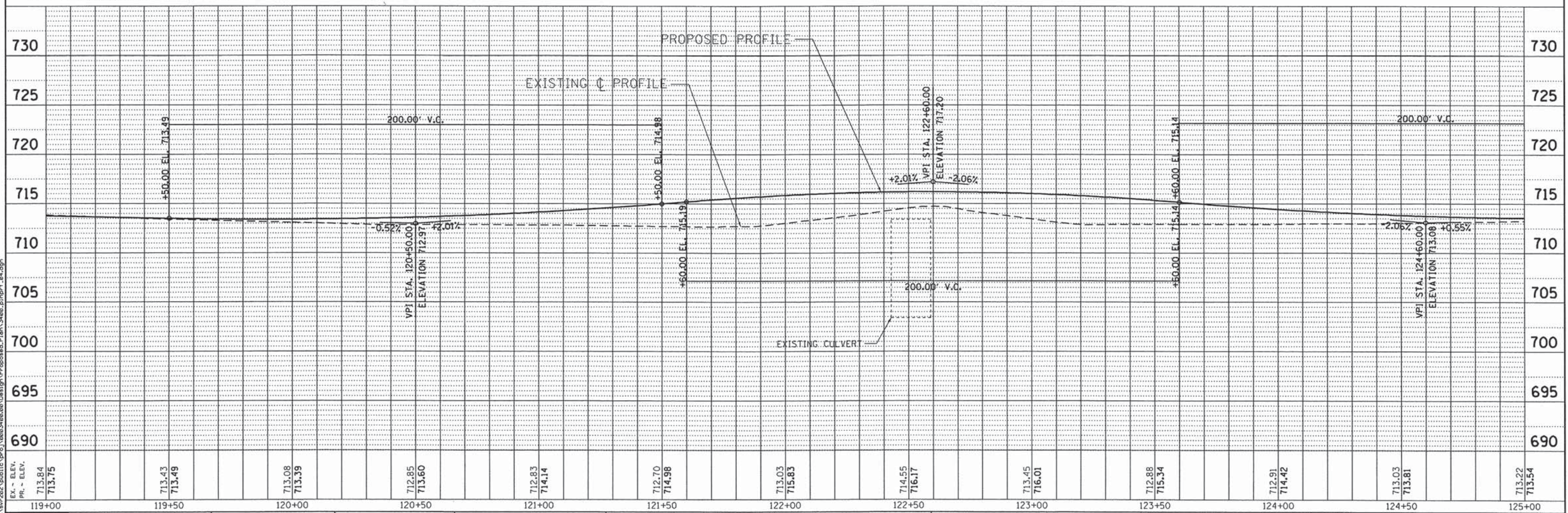
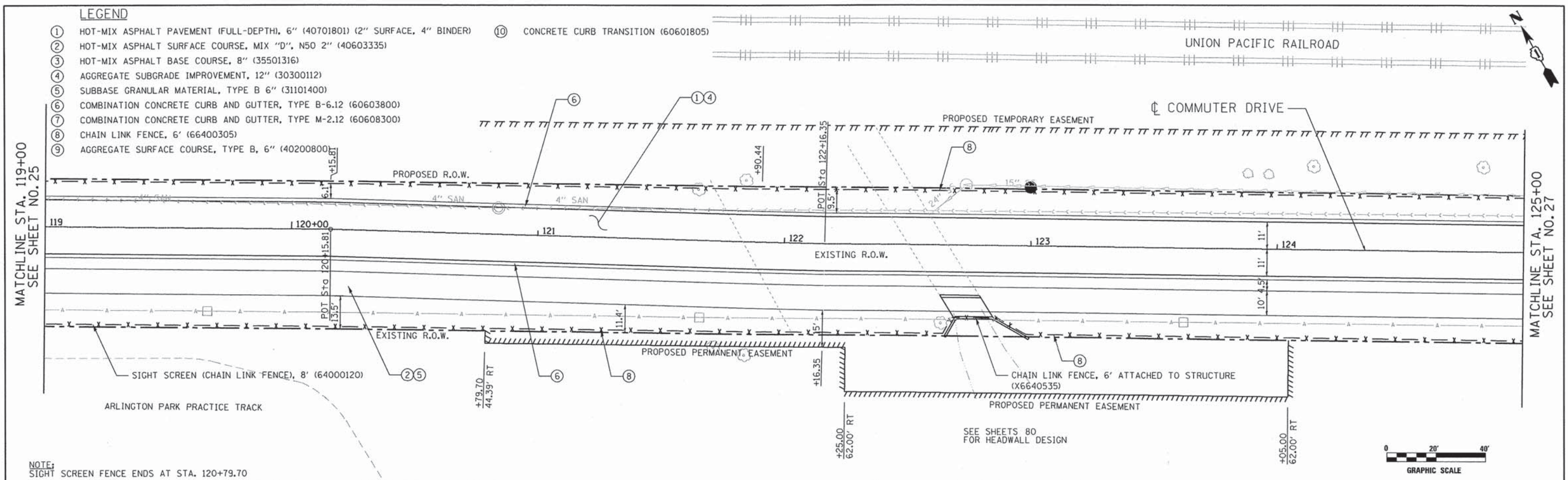
**COMMUTER DRIVE IMPROVEMENTS**  
**ROADWAY PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	25
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
	RT. OF WAY CHECKED	
	NO. _____	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	ALIGNED	
	NOTED	
	BL. NOTED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	



EA - ELEV.	713.84	713.75	713.43	713.49	713.08	713.39	712.85	713.60	712.83	714.14	712.70	714.98	713.03	715.83	714.55	716.17	713.45	716.01	712.88	715.34	712.91	714.42	713.03	713.81	713.22	713.54
PL - ELEV.																										
STA.	119+00	119+50	120+00	120+50	121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50	125+00													

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USER NAME = jman	DESIGNED - JMK	REVISED -
PLOT SCALE = 40.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

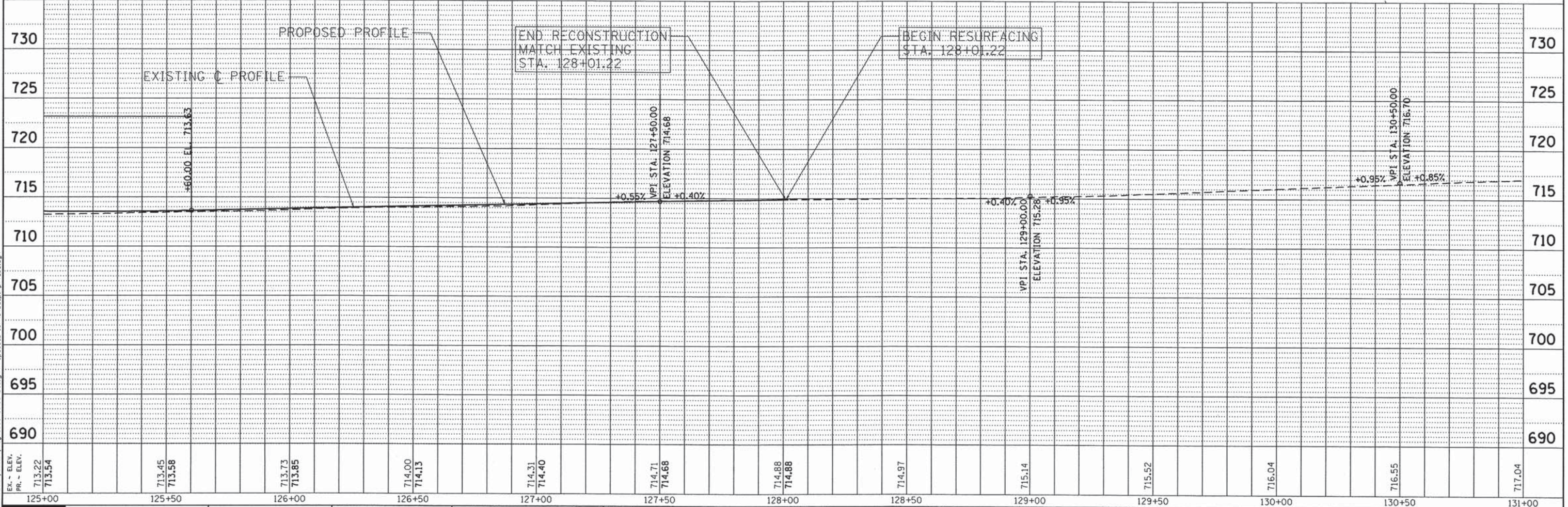
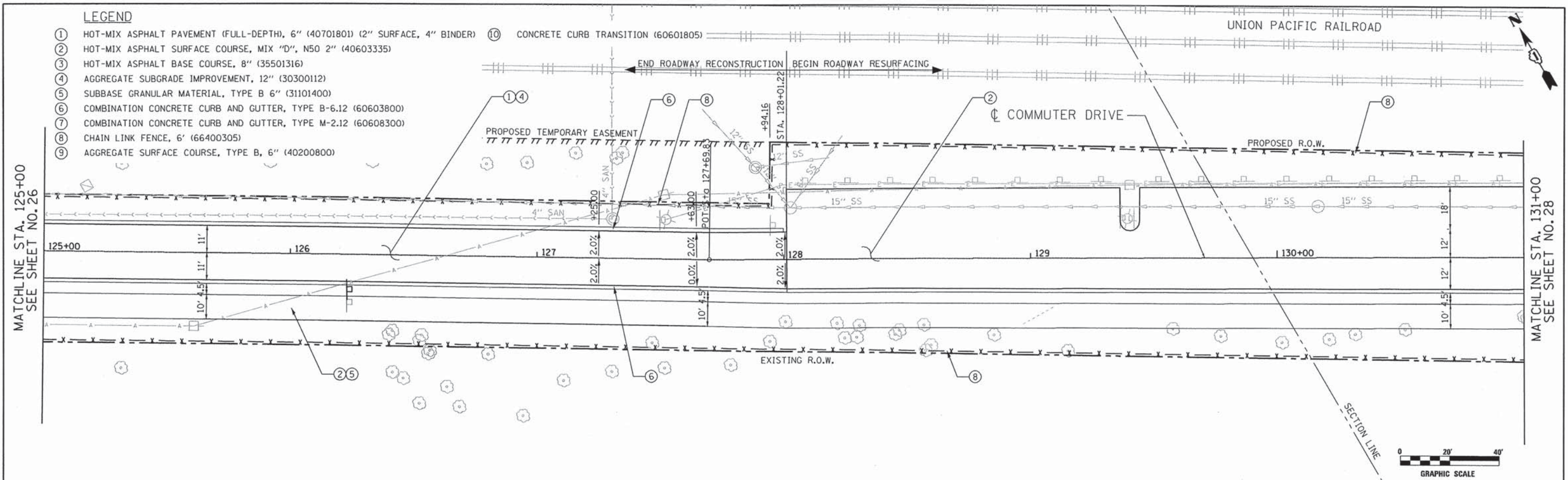
**COMMUTER DRIVE IMPROVEMENTS**  
**ROADWAY PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	26
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
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DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	



125+00	713.22 713.54	125+50	713.45 713.58	126+00	713.73 713.85	126+50	714.00 714.13	127+00	714.31 714.40	127+50	714.71 714.68	128+00	714.88 714.88	128+50	714.97	129+00	715.14	129+50	715.52	130+00	716.04	130+50	716.55	131+00	717.04
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USER NAME = jkellman	DESIGNED - JMK	REVISED -
	DRAWN - JMK	REVISED -
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PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS**  
**ROADWAY PLAN AND PROFILE**

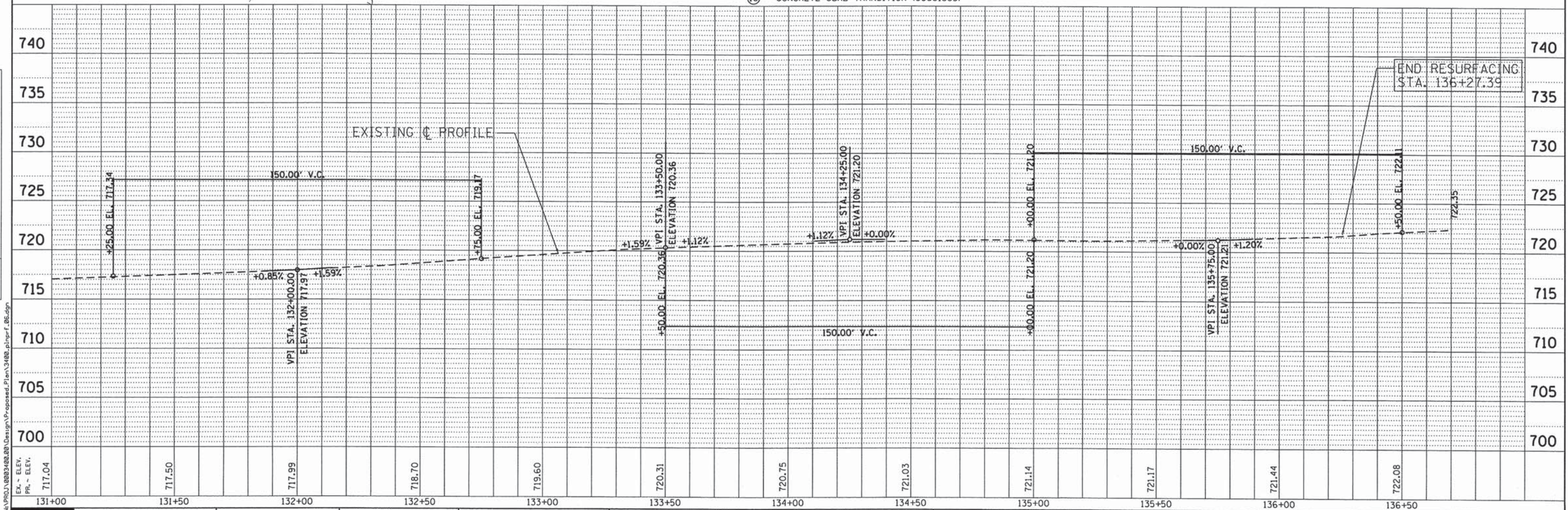
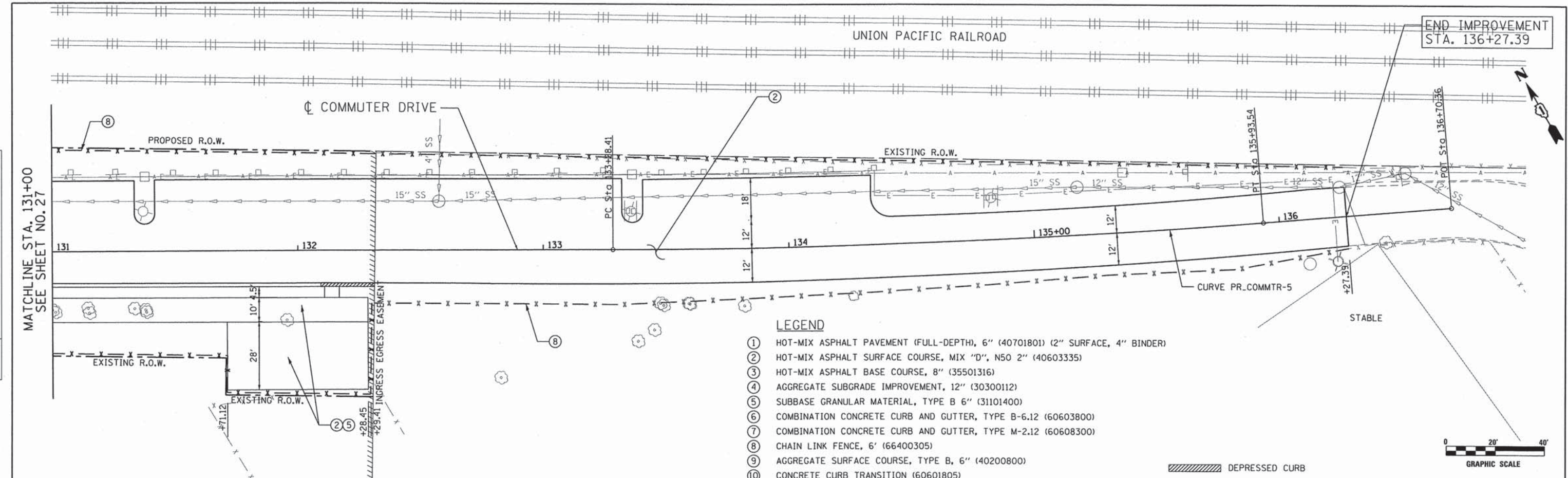
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F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	27
FED. ROAD DIST. NO. - ILLINOIS			CONTRACT NO. 63717	
FED. AID PROJECT				

FILE NAME: \\nvr202\public\proj\0803408\08\Design\Proposed\Plan\3408.plt\pqr.f\_08.dgn

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	GRADES CHECKED	DATE
	STRUCTURE NOTATIONS CHECKED	
	NO.	



TRAFFIC CONTROL AND PROTECTION GENERAL NOTES

1. TRAFFIC CONTROL SHOULD BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS, THE SUPPLEMENTAL SPECIFICATIONS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITIONS, ANY SPECIAL DETAILS AND HIGHWAY STANDARDS CONTAINED IN THE PLANS, THE TRAFFIC SPECIFICATIONS AND THE SPECIAL PROVISIONS CONTAINED HEREIN.
2. THE STAGING AND TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE STAGING AND TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR FOR CONVENIENCE PURPOSES. ANY CHANGES TO THE TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL NO MORE THAN 24 HOURS PRIOR TO SETUP.
3. THE ENGINEER AND THE CITY OF ROLLING MEADOWS (FRED VOGT - 847-963-0500) AND THE VILLAGE OF ARLINGTON HEIGHTS (THOMAS PONSOT - 847-368-5260) SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
4. THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF STARTING WORK.
5. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT, OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
6. ALL TRAFFIC CONTROL DEVICES USED FOR TRAFFIC CONTROL AND PROTECTION, AS DETAILED ON THE PLANS, SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN TRAFFIC CONTROL AND PROTECTION SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL COVER OR REMOVE ALL CONFLICTING EXISTING SPEED LIMIT SIGNS, GUIDE SIGNS, OR ANY OTHER CONFLICTING SIGNS FOR THE DURATION OF THE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT THE METHOD IN WHICH THE SIGNS WILL BE COVERED TO THE ENGINEER FOR APPROVAL.
8. IN ADDITION TO THE PROPOSED DRAINAGE STRUCTURES SHOWN ON THE PLANS, SECTIONS OF THE EXISTING DRAINAGE SYSTEM SHALL BE UTILIZED DURING CONSTRUCTION UNTIL THE PROPOSED DRAINAGE SYSTEM IS IN PLACE. THE CONTRACTOR IS REQUIRED TO MAINTAIN POSITIVE DRAINAGE FLOW AT ALL TIMES BY METHODS APPROVED BY THE ENGINEER. THIS WORK SHALL BE AS INCIDENTAL TO THE CONTRACT, NO ADDITIONAL COMPENSATION WILL BE PROVIDED.
9. PRIOR TO REMOVING TRAFFIC CONTROL AND OPENING CLOSED PAVEMENT AREAS TO TRAFFIC, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)."
10. DRIVEWAY ACCESS SHALL BE MAINTAINED WHENEVER POSSIBLE USING AGGREGATE FOR TEMPORARY ACCESS.

TRAFFIC CONTROL AND PROTECTION STAGING DESCRIPTION

PRE-STAGE A

CONSTRUCTION:

SETUP DETOUR ROUTE SIGNS AS SHOWN IN THE DETOUR PLAN. REMOVE EXISTING TREES AND FENCING ALONG ARLINGTON PARK RACE TRACK AS SHOWN IN THE REMOVAL PLAN. INSTALL PROPOSED AND TEMPORARY FENCING ALONG ARLINGTON PARK RACE TRACK FROM STA 113+97.33 TO STA 132+28.45. CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER AND SHARED USE PATH FROM STA 128+01.22 TO STA 132+28.45. RESURFACE COMMUTER DRIVE FROM STA 128+01.22 TO STA 136+27.39.

TRAFFIC CONTROL:

TRAFFIC ON COMMUTER DRIVE WILL BE REDUCED TO ONE 11' LANE FOR WESTBOUND TRAFFIC LOCATED ALONG THE EXISTING WESTBOUND TRAVEL LANE. DRUMS WITH STEADY BURN LIGHTS AND TEMPORARY PAVEMENT MARKINGS WILL BE USED TO PROVIDE SEPARATION BETWEEN THE TRAVEL LANE AND WORK ZONE. EASTBOUND TRAFFIC WILL BE DETOURED AS SHOWN IN THE DETOUR PLAN. UTILIZE STATE STANDARD 701501 FOR THE RESURFACING.

WINTER SHUTDOWN

EASTBOUND AND WESTBOUND LANES SHALL BE OPEN TO TRAFFIC THROUGHOUT THE WINTER SHUTDOWN PERIOD. DETOUR ROUTE SIGNS SHALL BE REMOVED.

PRE-STAGE B

CONSTRUCTION:

SETUP DETOUR ROUTE SIGNS AS SHOWN IN THE DETOUR PLAN. CONSTRUCT TEMPORARY PAVEMENT AND PERFORM GRADING & EXCAVATION REQUIRED FOR TEMPORARY PAVEMENT INSTALLATION.

TRAFFIC CONTROL:

TRAFFIC ON COMMUTER DRIVE WILL BE REDUCED TO ONE 11' LANE FOR WESTBOUND TRAFFIC LOCATED ALONG THE EXISTING EASTBOUND TRAVEL LANE. DRUMS WITH STEADY BURN LIGHTS AND TEMPORARY PAVEMENT MARKINGS WILL BE USED TO PROVIDE SEPARATION BETWEEN THE TRAVEL LANE AND WORK ZONE. EASTBOUND TRAFFIC WILL BE DETOURED AS SHOWN IN THE DETOUR PLAN.

STAGE I

CONSTRUCTION:

RECONSTRUCT THE EASTBOUND LANE, CURB AND GUTTER, DRAINAGE STRUCTURES, AND PROPOSED SHARED USE PATH. EXTEND EXISTING CULVERTS. PERFORM GRADING, TOPSOIL PLACEMENT, AND SEEDING ON THE SOUTH SIDE OF COMMUTER DRIVE.

TRAFFIC CONTROL:

TRAFFIC ON COMMUTER DRIVE WILL BE REDUCED TO ONE 10' LANE FOR WESTBOUND TRAFFIC. DRUMS WITH STEADY BURN LIGHTS AND TEMPORARY PAVEMENT MARKINGS WILL BE USED TO PROVIDE SEPARATION BETWEEN THE TRAVEL LANE AND WORK ZONE. EASTBOUND TRAFFIC WILL BE DETOURED AS SHOWN IN THE DETOUR PLAN.

STAGE II

CONSTRUCTION:

RECONSTRUCT THE WESTBOUND LANE, CURB AND GUTTER, AND DRAINAGE STRUCTURES. PERFORM GRADING, TOPSOIL PLACEMENT, AND SEEDING ON THE NORTH SIDE OF COMMUTER DRIVE.

TRAFFIC CONTROL:

TRAFFIC ON COMMUTER DRIVE WILL BE REDUCED TO ONE 10' LANE FOR WESTBOUND TRAFFIC. DRUMS WITH STEADY BURN LIGHTS AND TEMPORARY PAVEMENT MARKINGS WILL BE USED TO PROVIDE SEPARATION BETWEEN THE TRAVEL LANE AND WORK ZONE. EASTBOUND TRAFFIC WILL BE DETOURED AS SHOWN IN THE DETOUR PLAN.

STAGE III

CONSTRUCTION:

CONSTRUCT SURFACE COURSE AND PLACE FINAL PAVEMENT MARKINGS.

TRAFFIC CONTROL:

UTILIZE STATE STANDARD 701501.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - GENERAL NOTES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 63717	

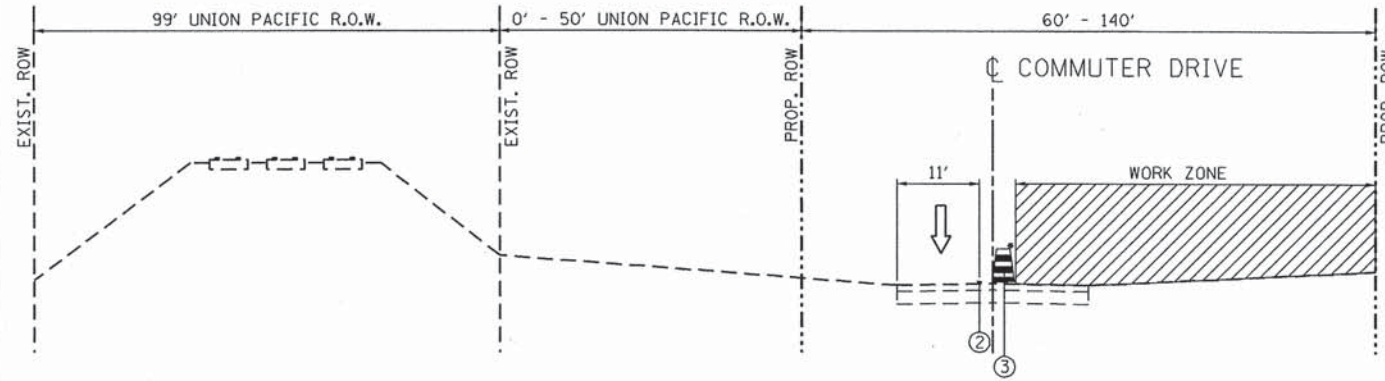
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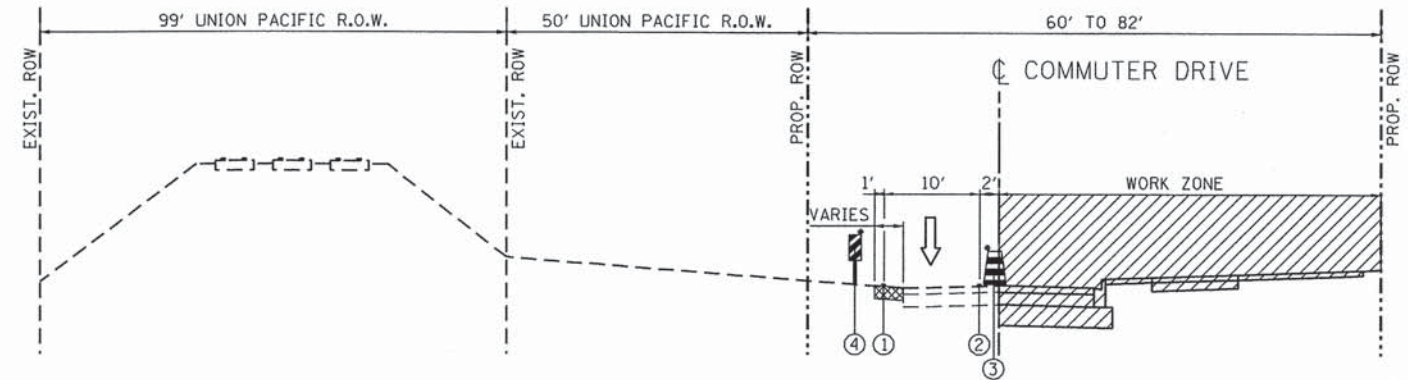


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Tel. 773.775.4009 Fax 773.775.4014

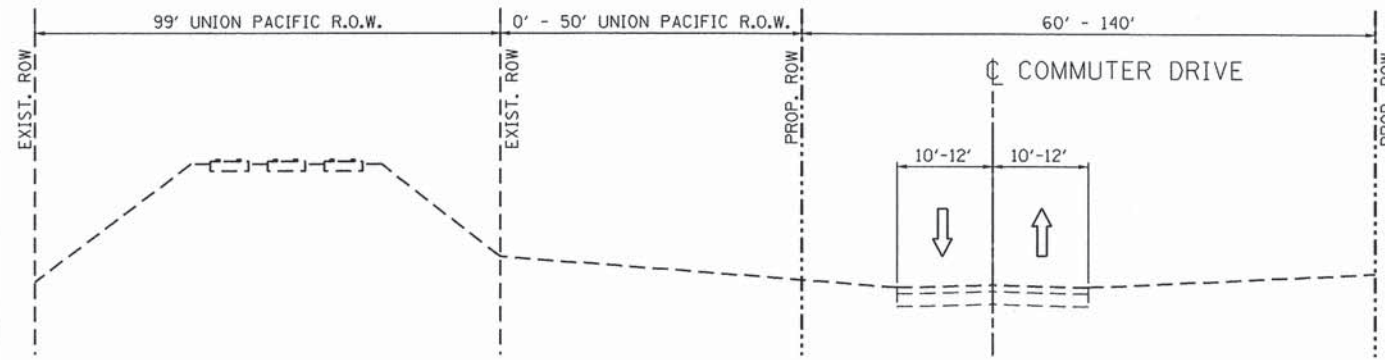
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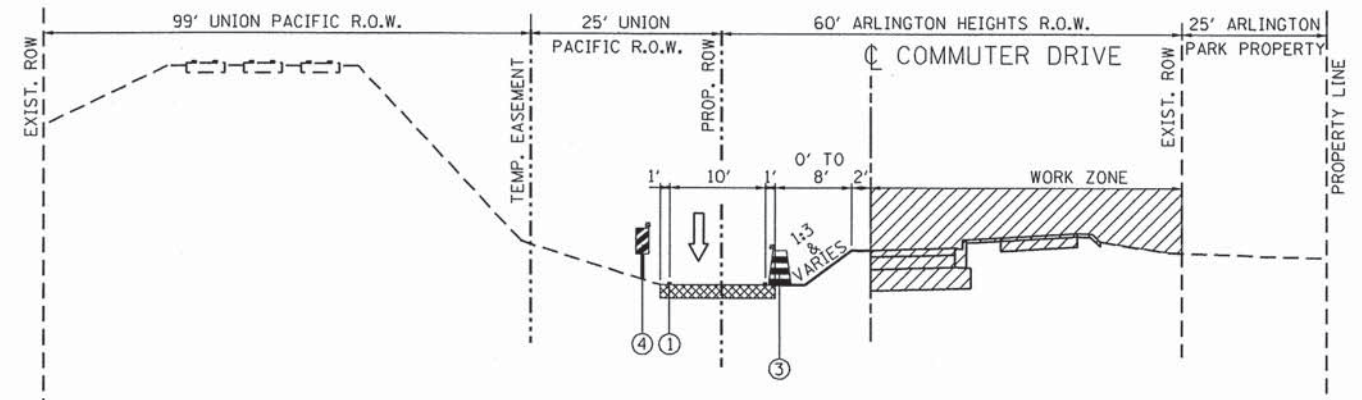
PRE-STAGE A SUGGESTED TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 102+97 TO STA. 136+27



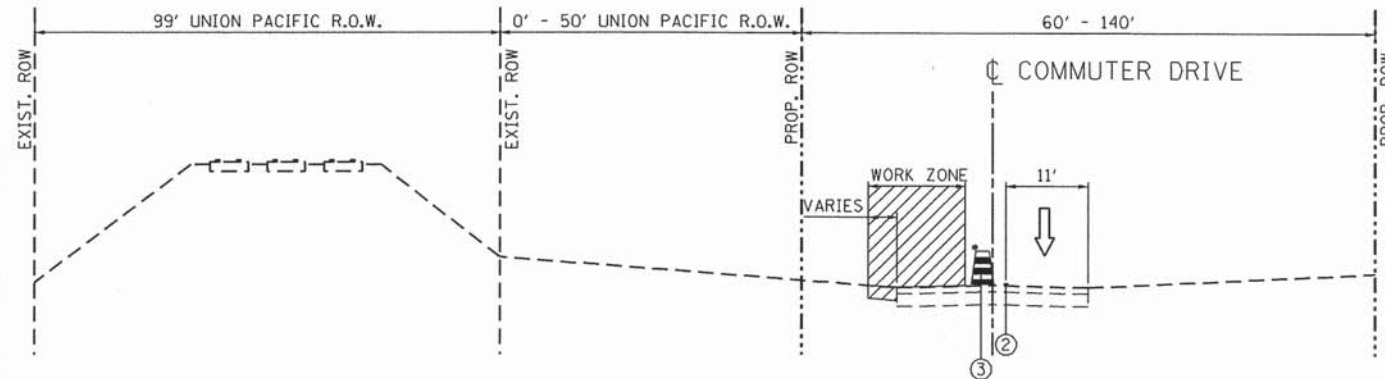
STAGE I SUGGESTED TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 102+97 TO STA. 119+00



WINTER SHUTDOWN SUGGESTED TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 102+97 TO STA. 136+27



STAGE I SUGGESTED TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 119+00 TO STA. 128+02



PRE-STAGE B SUGGESTED TYPICAL SECTION  
ARLINGTON PARK COMMUTER DRIVE  
STA. 102+97 TO STA. 136+27

- LEGEND**
- DIRECTION OF TRAVEL
  - TEMPORARY PAVEMENT
  - ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
  - ② PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
  - ③ DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHTS @ 50' C-C
  - ④ VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C

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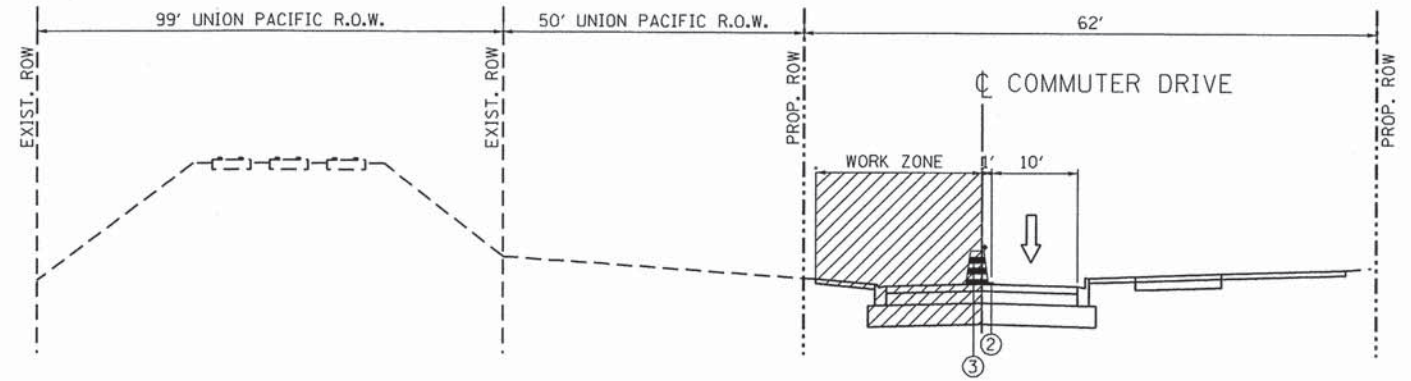
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	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

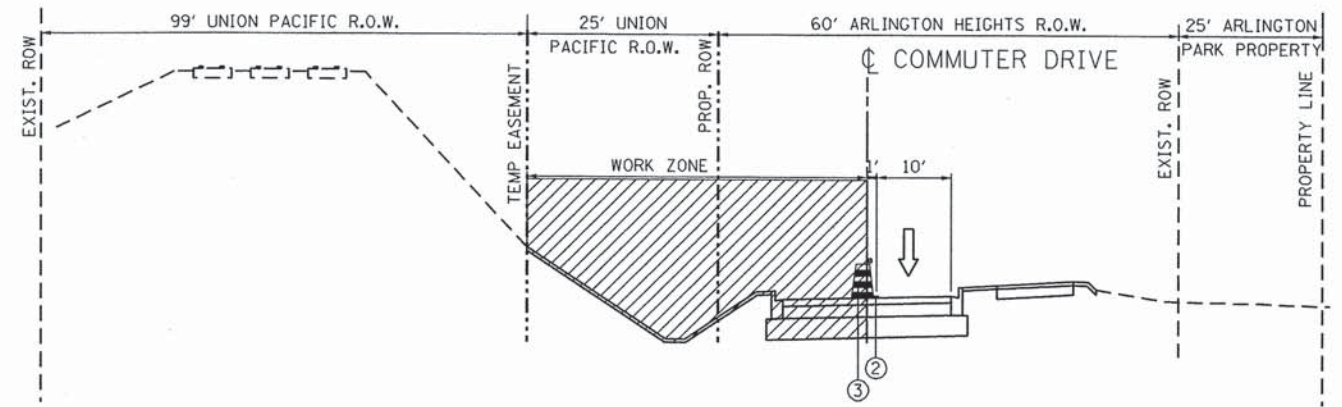
**COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - STAGING I TYPICAL SECTIONS**

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CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

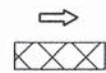


STAGE II SUGGESTED TYPICAL SECTION  
 ARLINGTON PARK COMMUTER DRIVE  
 STA. 102+97 TO STA. 113+42



STAGE II SUGGESTED TYPICAL SECTION  
 ARLINGTON PARK COMMUTER DRIVE  
 STA. 113+42 TO STA. 128+02

LEGEND



DIRECTION OF TRAVEL



TEMPORARY PAVEMENT

- ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
- ③ DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHTS @ 50' C-C
- ④ VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C

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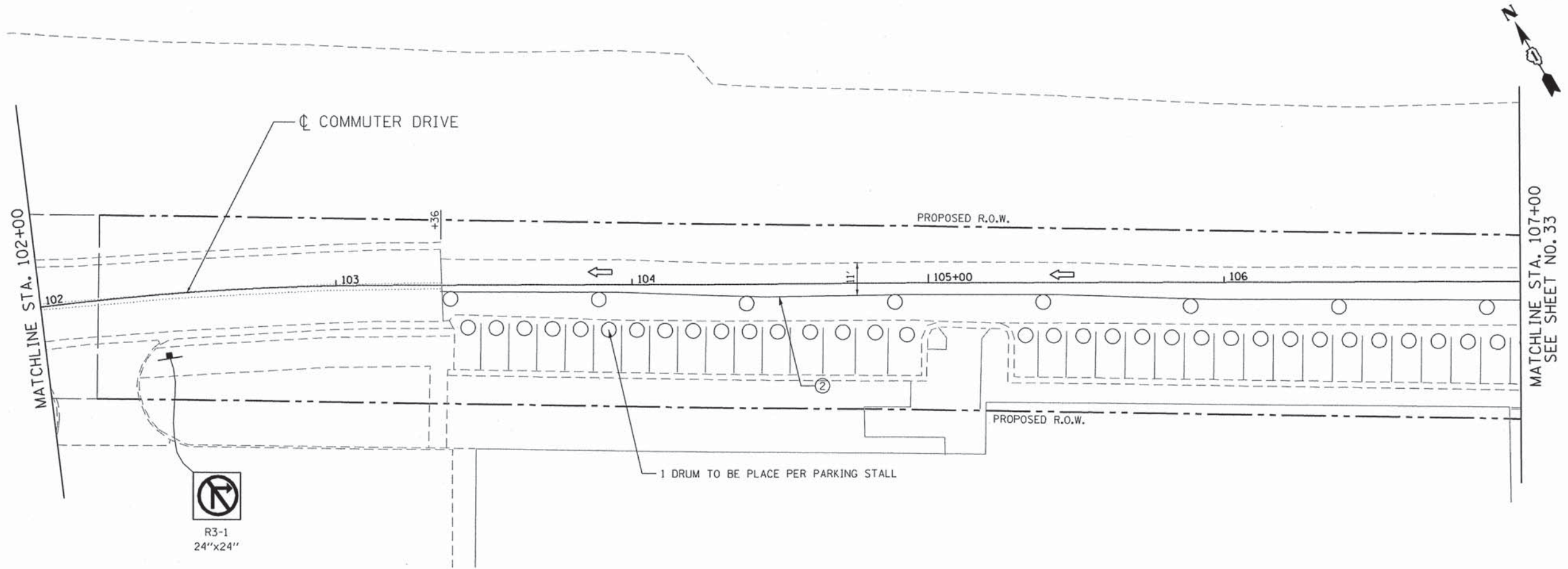
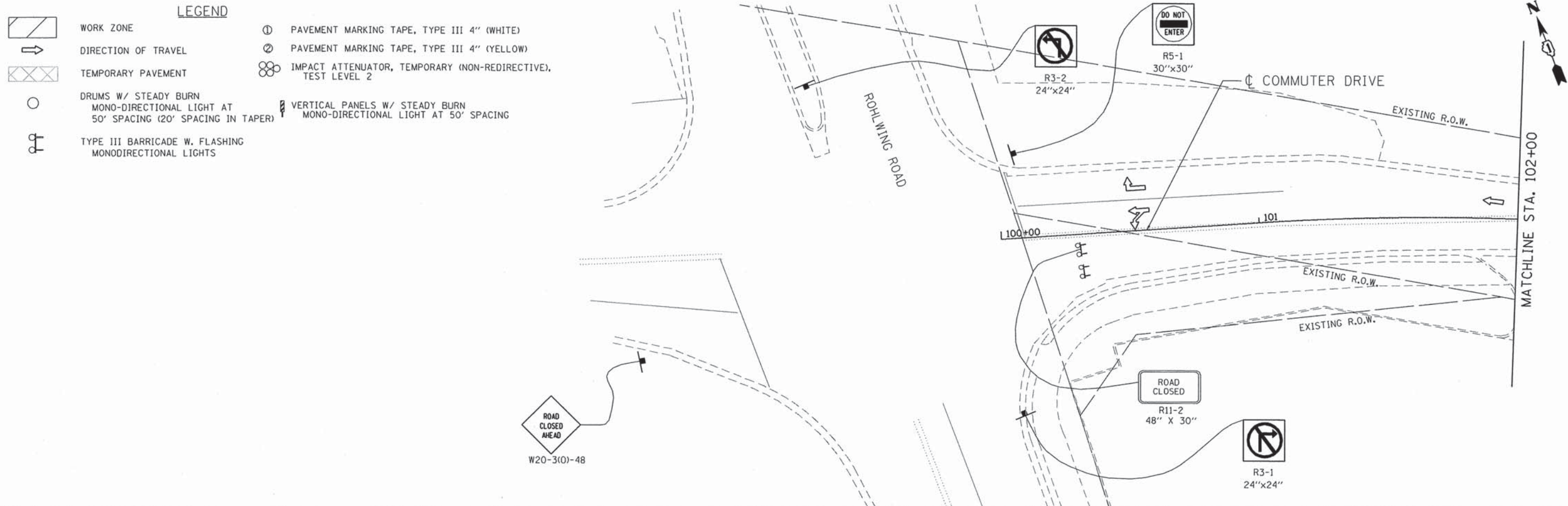
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PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
 STAGING AND TRAFFIC CONTROL - STAGE II TYPICAL SECTIONS

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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FED. ROAD DIST. NO. - ILLINOIS		CONTRACT NO. 63717		
FED. AID PROJECT				



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 Chicago, Illinois 60656  
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USER NAME = jkwellman	DESIGNED - JMK	REVISED -
PLOT SCALE = 40,0000' / IN.	DRAWN - JMK	REVISED -
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	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

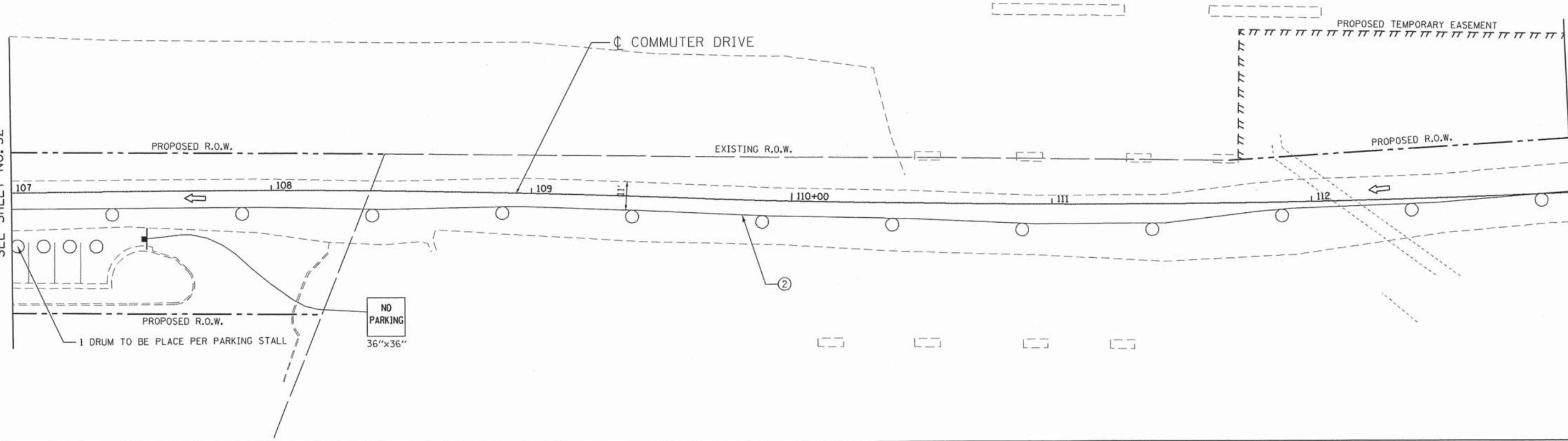
**COMMUTER DRIVE IMPROVEMENTS  
 STAGING AND TRAFFIC CONTROL - PRE-STAGE A**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

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CONTRACT NO. 63717				
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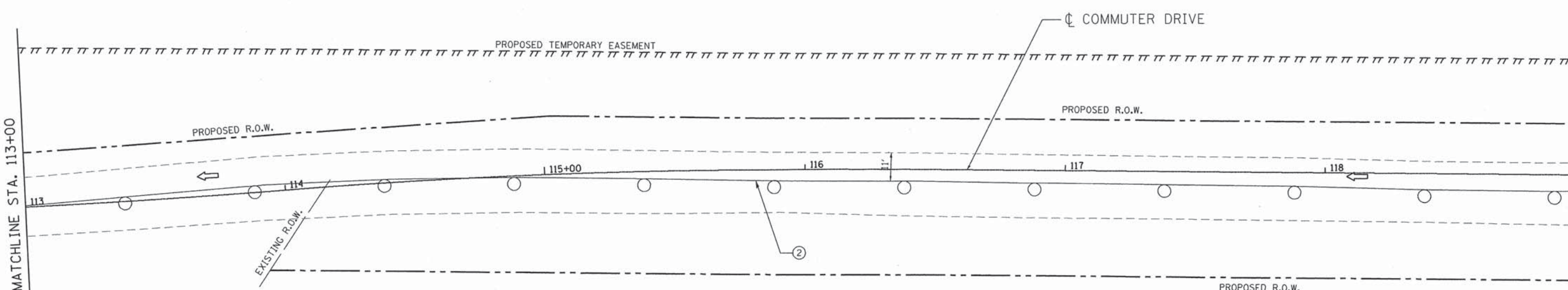


MATCHLINE STA. 107+00  
SEE SHEET NO. 32



MATCHLINE STA. 113+00

MATCHLINE STA. 113+00



MATCHLINE STA. 119+00  
SEE SHEET NO. 34

- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMPORARY PAVEMENT
  - DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
  - TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
  - PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
  - PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
  - IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
  - VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING

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USER NAME = j.jelliman	DESIGNED - JMK	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

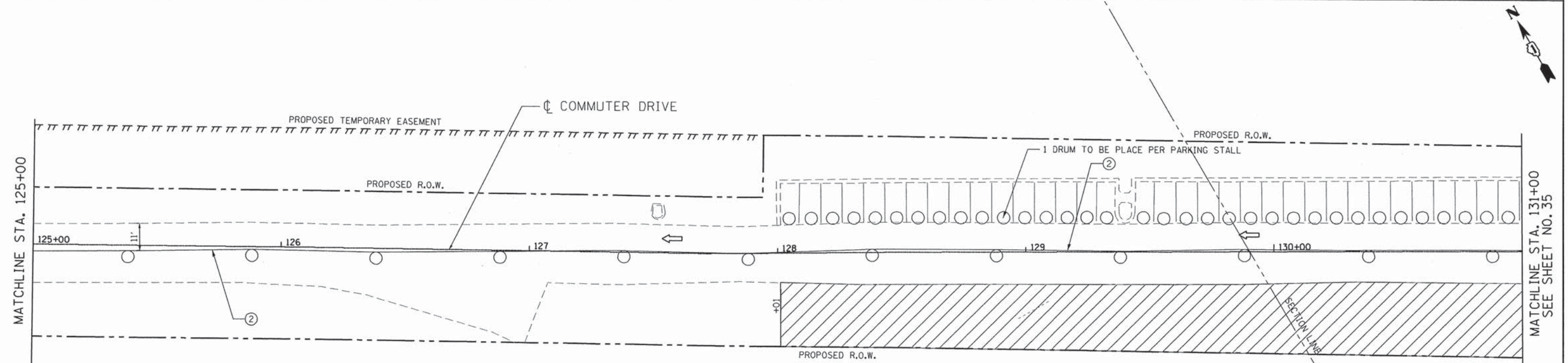
**COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - PRE-STAGE A**

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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				










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SEE SHEET NO. 33

MATCHLINE STA. 125+00



MATCHLINE STA. 125+00

MATCHLINE STA. 131+00  
SEE SHEET NO. 35

- LEGEND**
-  WORK ZONE
  -  DIRECTION OF TRAVEL
  -  TEMPORARY PAVEMENT
  -  DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
  -  TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
  -  PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
  -  PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
  -  IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
  -  VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING

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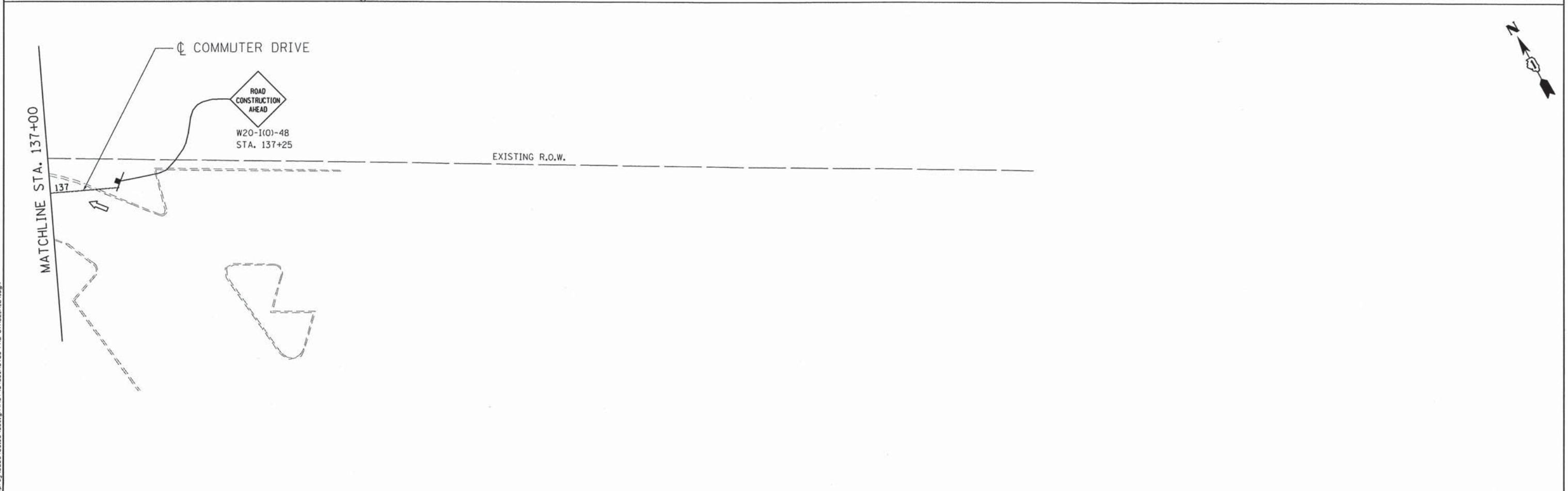
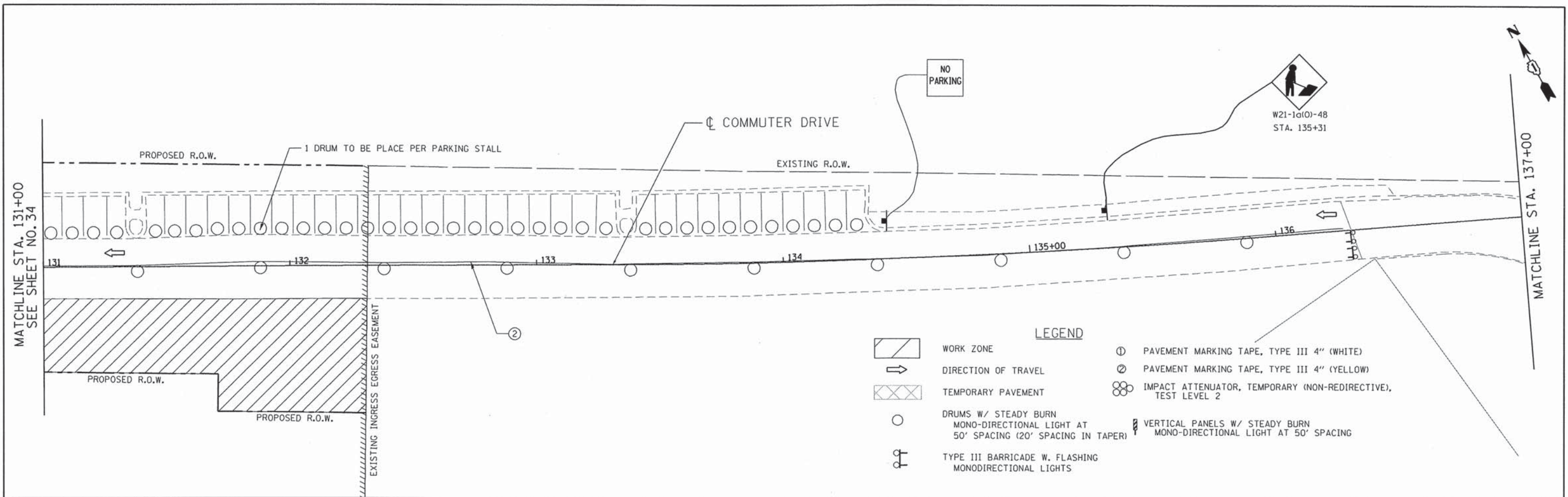
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PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - PRE-STAGE A**

SCALE: 1" = 20'    SHEET NO. OF SHEETS    STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63717	



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 5507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

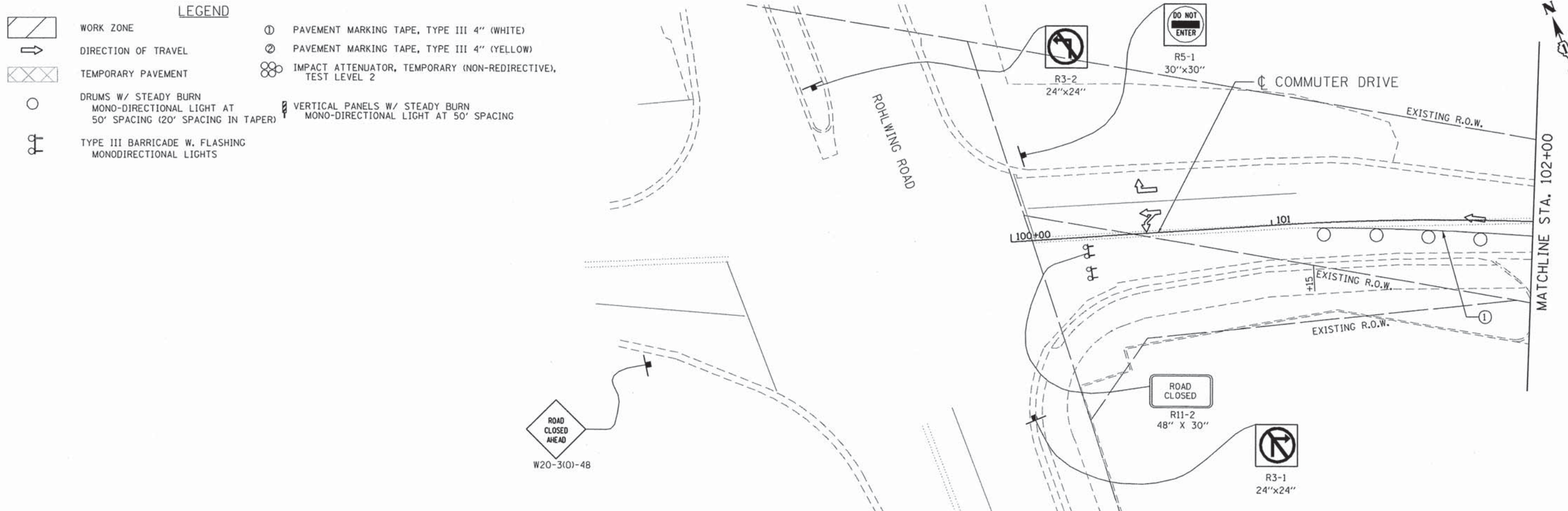
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PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 STAGING AND TRAFFIC CONTROL - PRE-STAGE A**

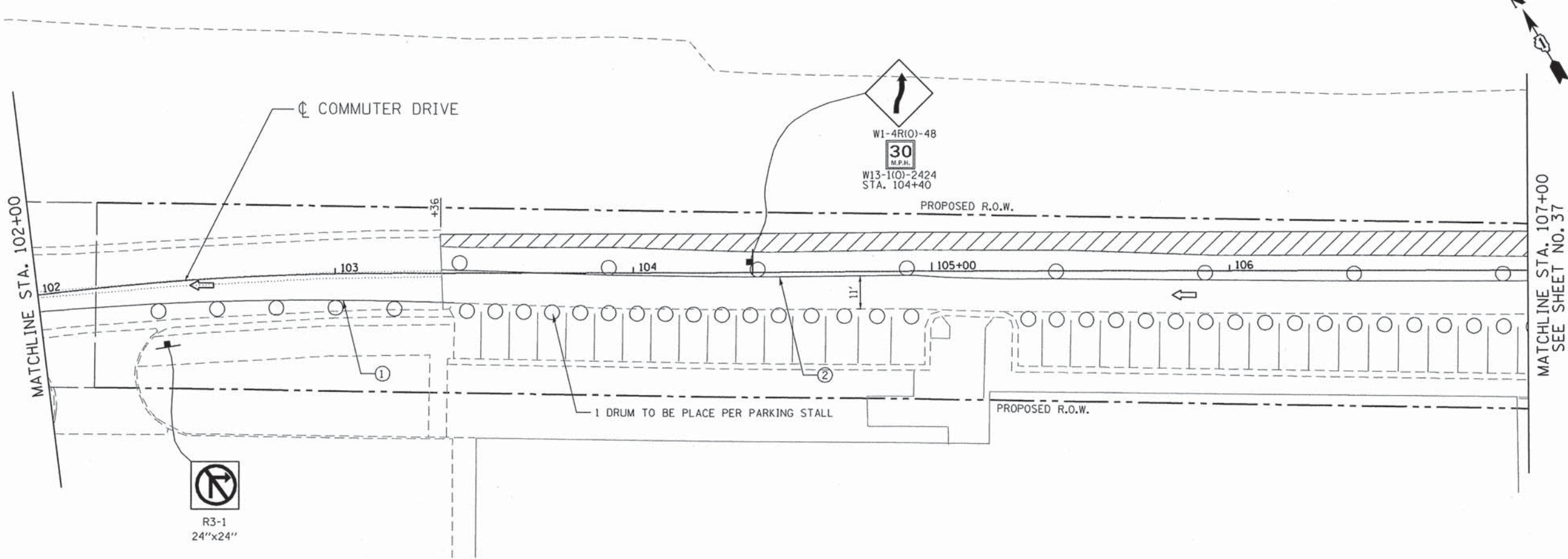
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	08-00097-00-BT	COOK	97	35
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	



**LEGEND**

- WORK ZONE
- DIRECTION OF TRAVEL
- TEMPORARY PAVEMENT
- DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
- TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
- PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
- PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
- VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING



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CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

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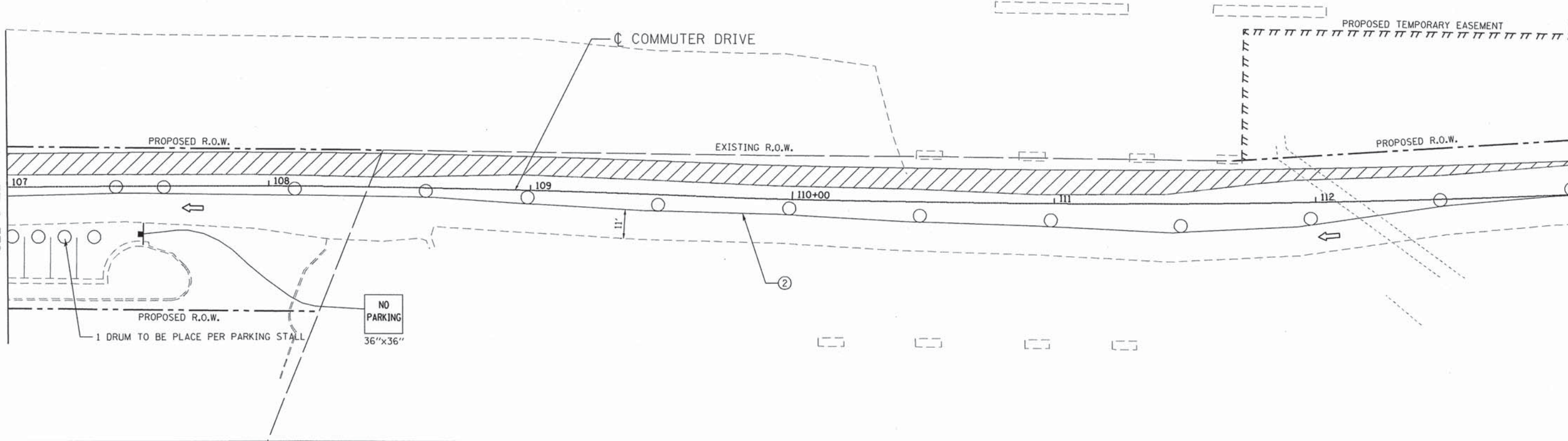
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - PRE-STAGE B**

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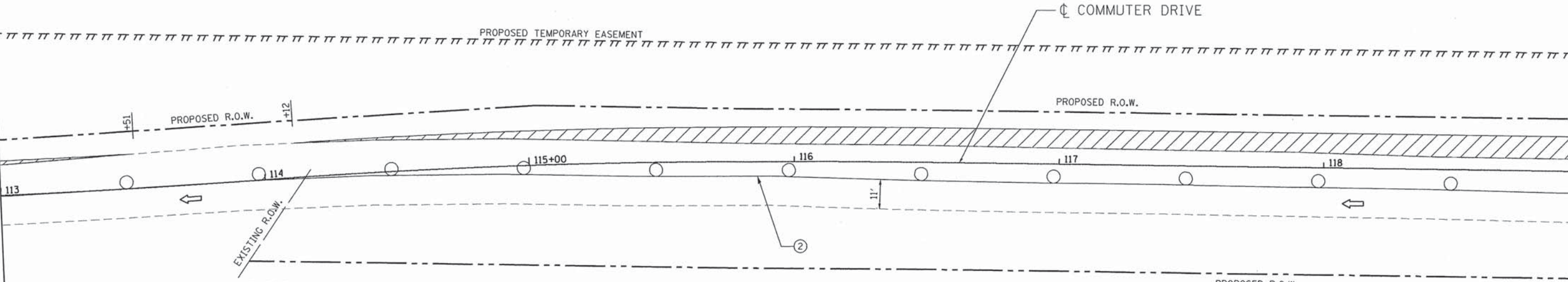
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	36
CONTRACT NO. 63717			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 107+00  
SEE SHEET NO. 36



MATCHLINE STA. 113+00

MATCHLINE STA. 113+00



MATCHLINE STA. 119+00  
SEE SHEET NO. 38

- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMPORARY PAVEMENT
  - DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
  - TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
  - PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
  - PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
  - IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
  - VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING

FILE NAME = m:\pro\0803408\design\MT\3408\_MOT06-PRE-STAGE\_B.R2.dgn

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Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jmk	DESIGNED - JMK	REVISED -
	DRAWN - JMK	REVISED -
PLOT SCALE = 40.0000' / IN.	CHECKED - MJL	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

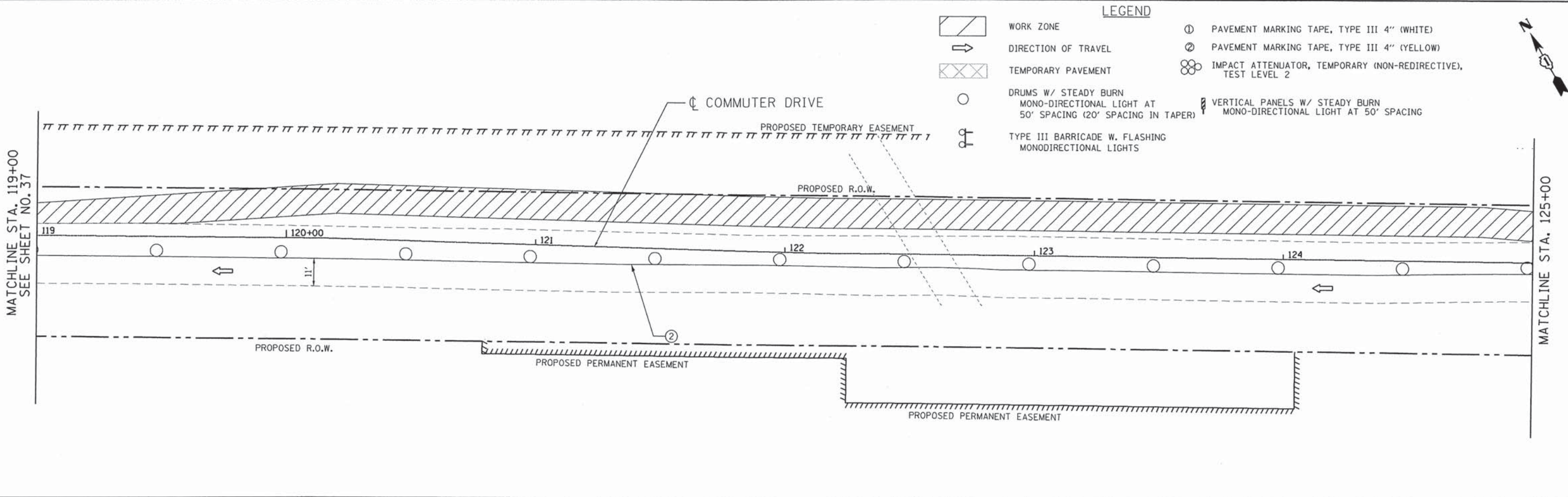
**COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - PRE-STAGE B**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	37
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

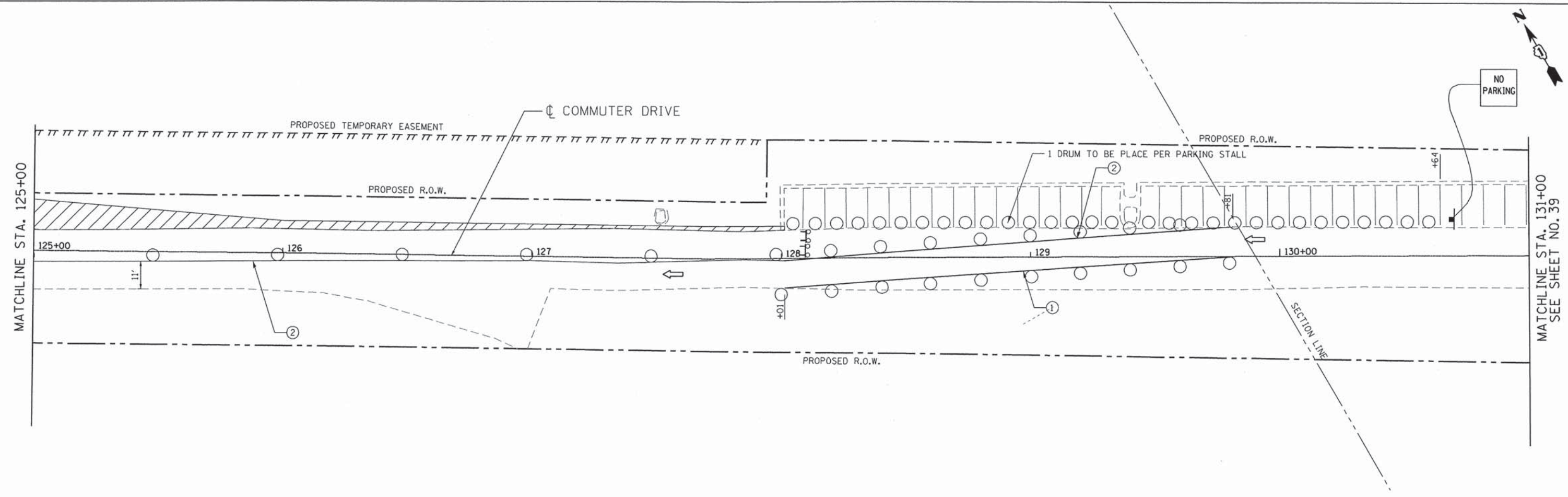
MATCHLINE STA. 119+00  
SEE SHEET NO. 37

MATCHLINE STA. 125+00



MATCHLINE STA. 125+00

MATCHLINE STA. 131+00  
SEE SHEET NO. 39



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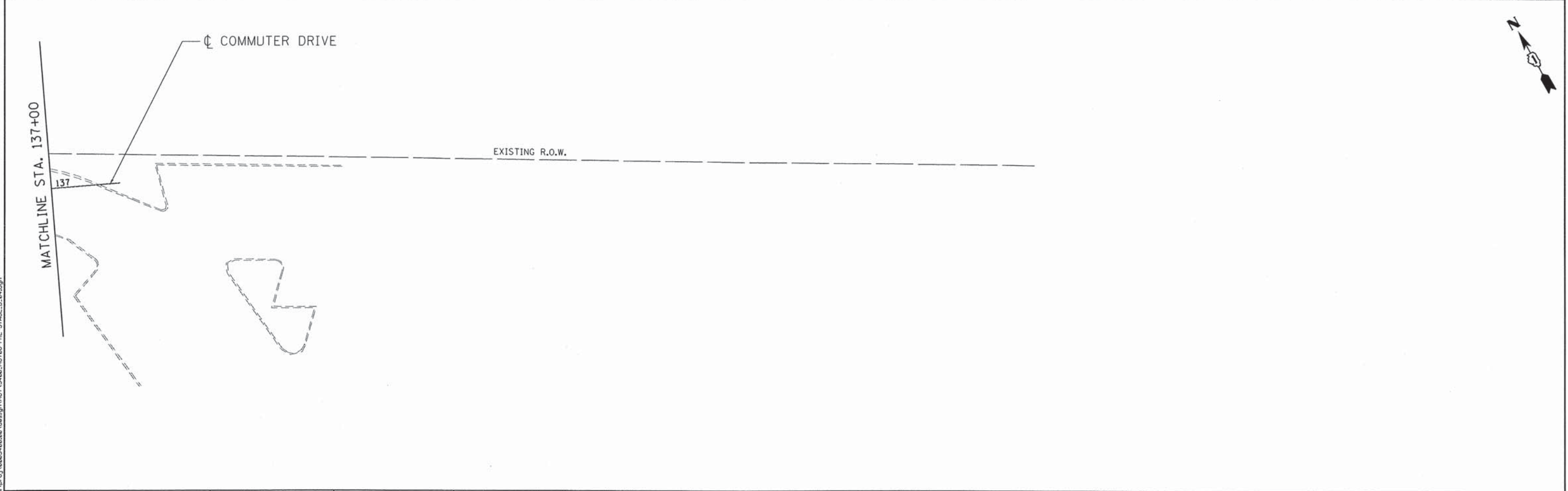
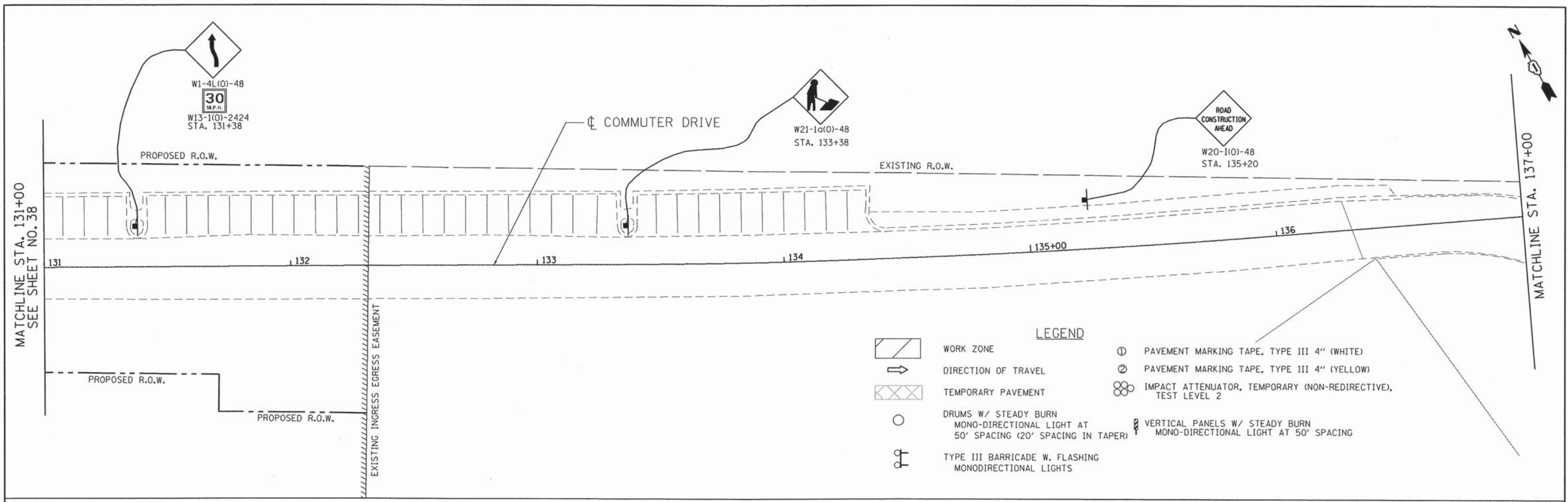
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DRAWN - JMK	REVISED -	
PLOT SCALE = 40,0000' / IN.	CHECKED - MJL	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - PRE-STAGE B**

SCALE: 1" = 20'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	38
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



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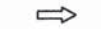







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	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 STAGING AND TRAFFIC CONTROL - PRE-STAGE B**

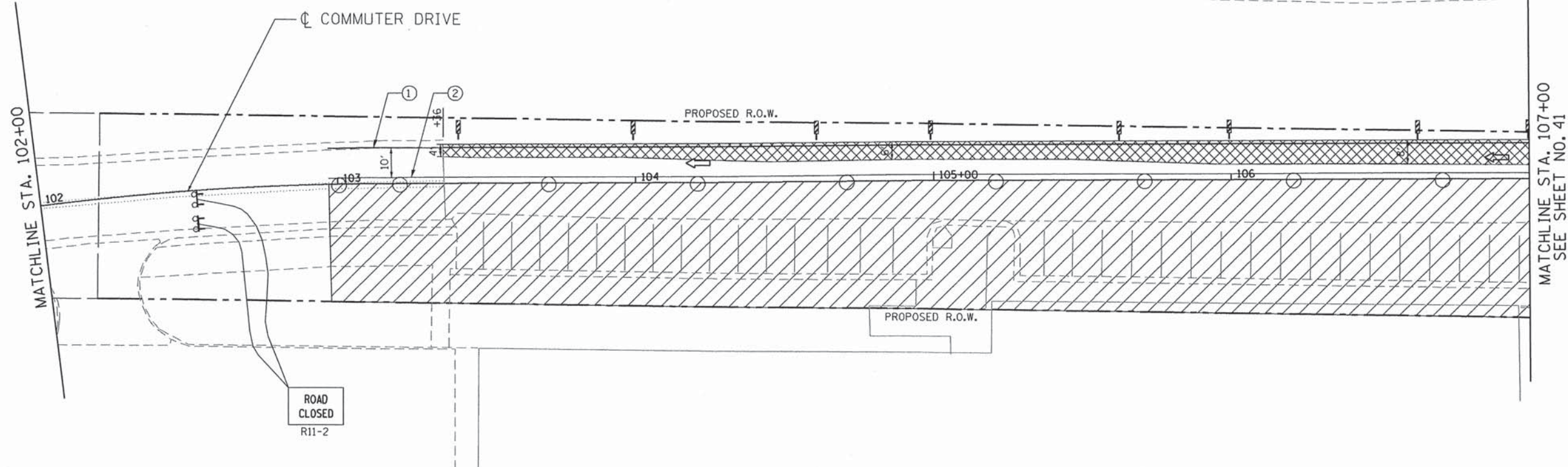
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	39
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

- LEGEND**
-  WORK ZONE
  -  DIRECTION OF TRAVEL
  -  TEMPORARY PAVEMENT
  -  DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
  -  TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
  -  PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
  -  PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
  -  IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
  -  VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING

ROAD CLOSED AHEAD  
W20-3(O)-48

ROAD CLOSED TO THRU TRAFFIC  
R11-4  
60" X 30"



FILE NAME = \\svr202\public\proj\08023488\08\Design\DOT\3488-MOT169-STAGE01.dgn

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USER NAME = jmk	DESIGNED - JMK	REVISED -
PLOT SCALE = 48.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

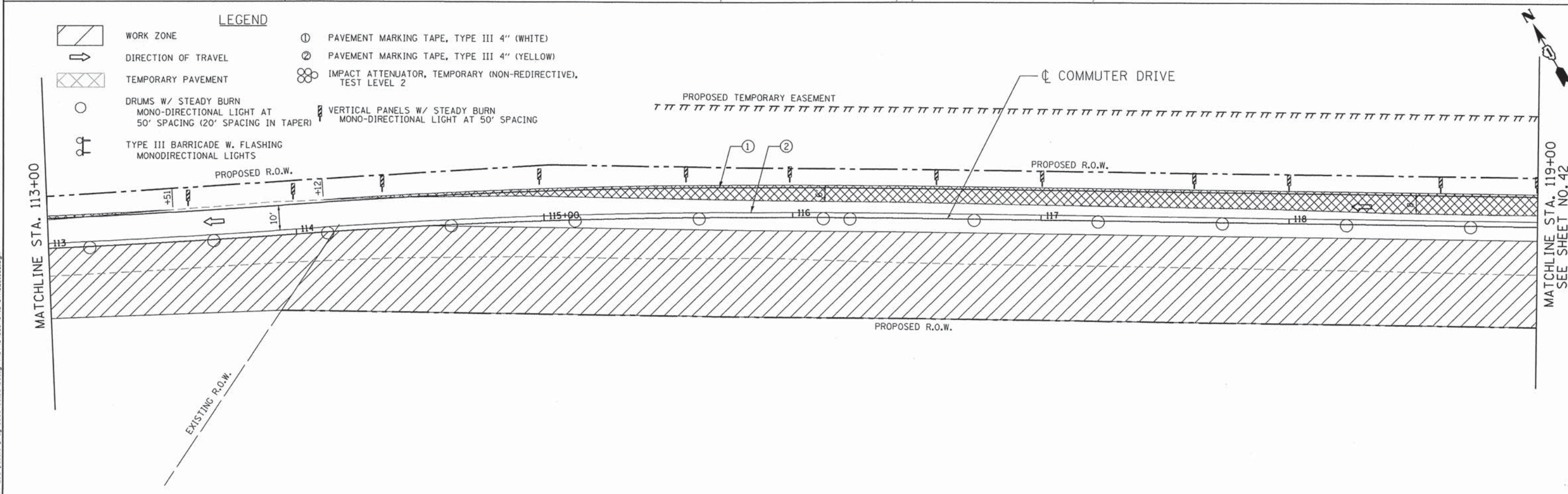
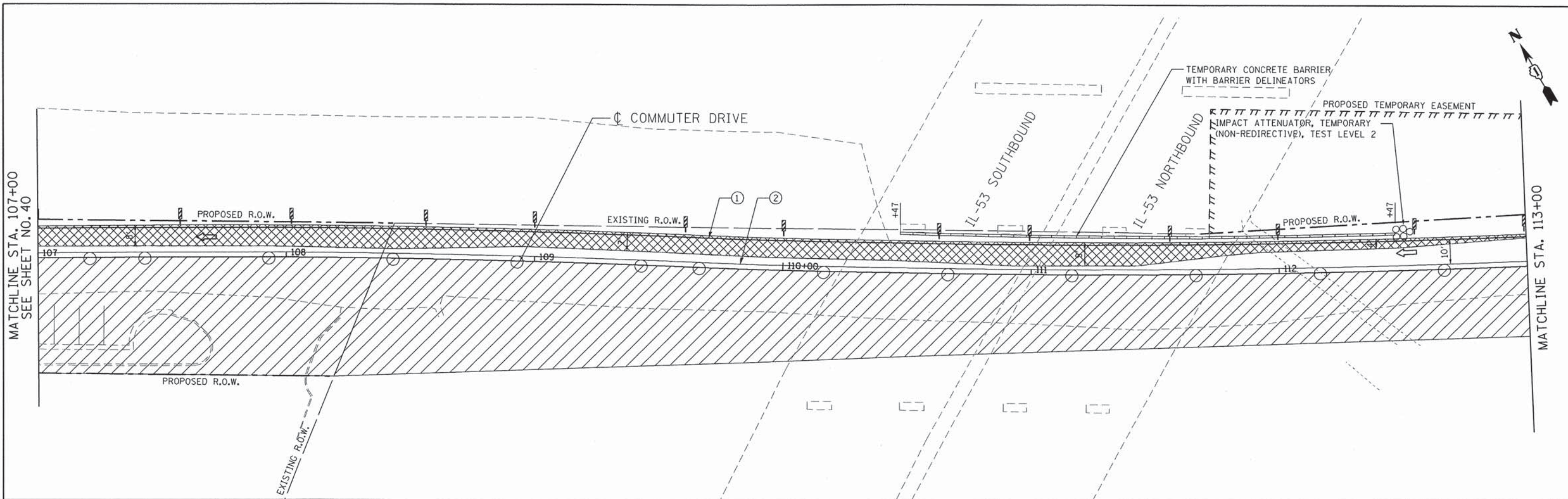
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - STAGE I

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	40
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				





**LEGEND**

- WORK ZONE
- DIRECTION OF TRAVEL
- TEMPORARY PAVEMENT
- DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
- TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
- PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
- PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
- VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING

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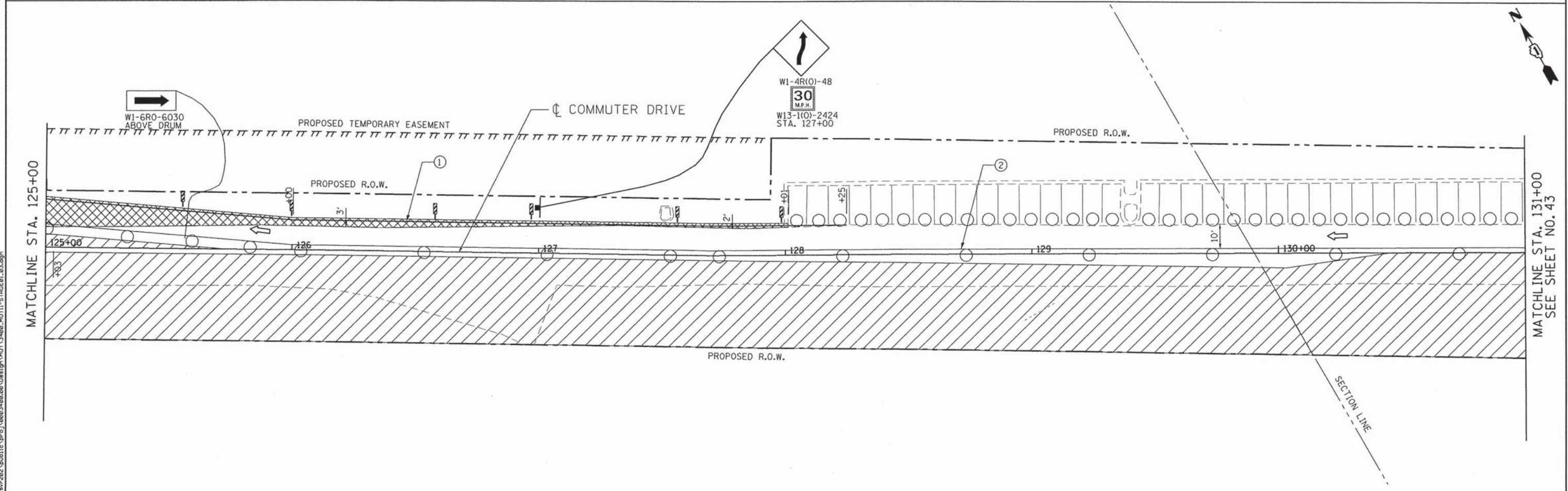
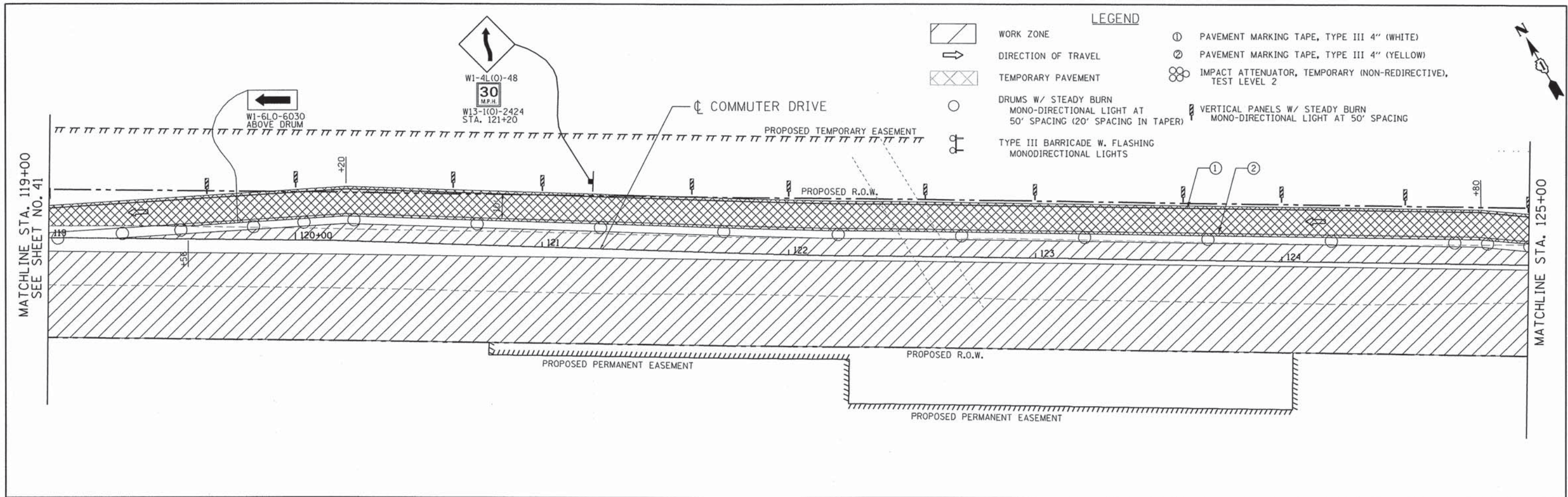
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PLOT SCALE = 40,0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 STAGING AND TRAFFIC CONTROL - STAGE I**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	41
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



FILE NAME = \\svr202\public\pro\0803480\08\Design\DOT\3480\MOTII-STAGE01\_03.dgn

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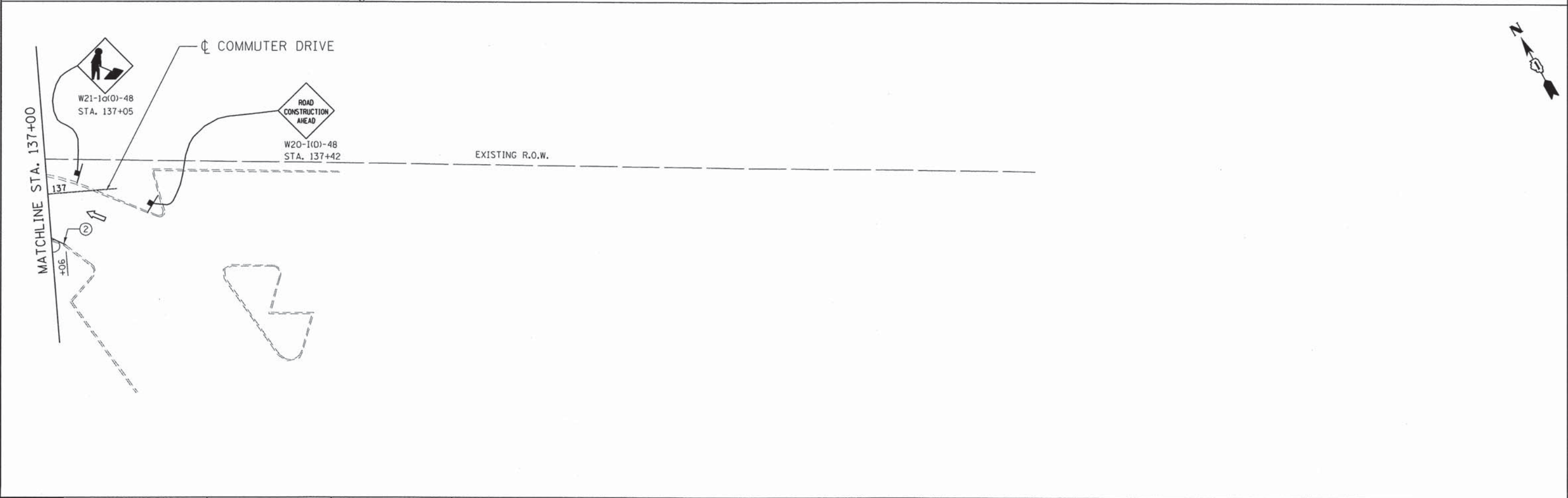
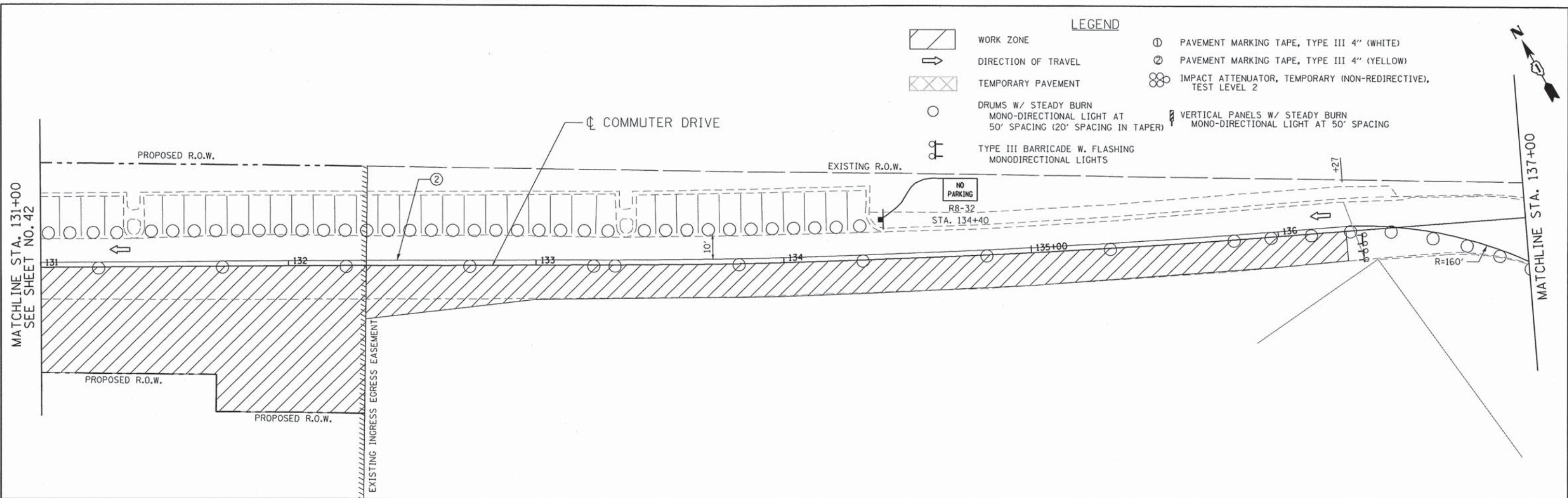
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DRAWN - JMK	REVISIONS -	
PLOT SCALE = 40.0000' / IN.	CHECKED - MJL	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 STAGING AND TRAFFIC CONTROL - STAGE I**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-0097-00-BT	COOK	97	42
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



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USER NAME = jkellman	DESIGNED - JMK	REVISED -
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PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

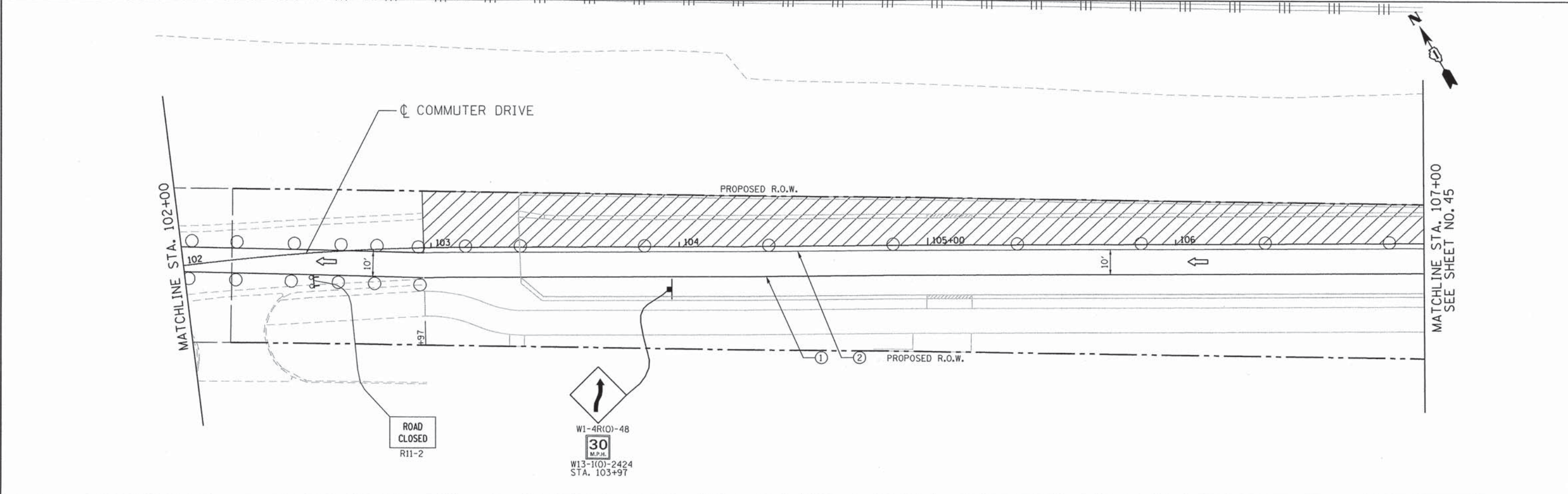
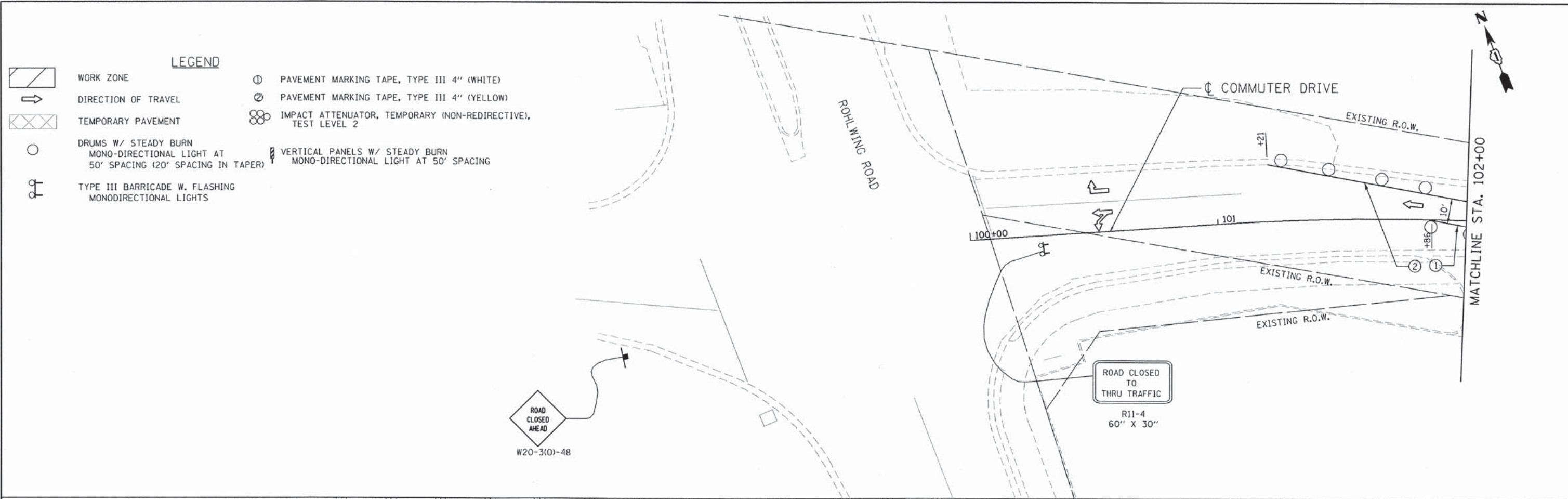
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 STAGING AND TRAFFIC CONTROL - STAGE I**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	43
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

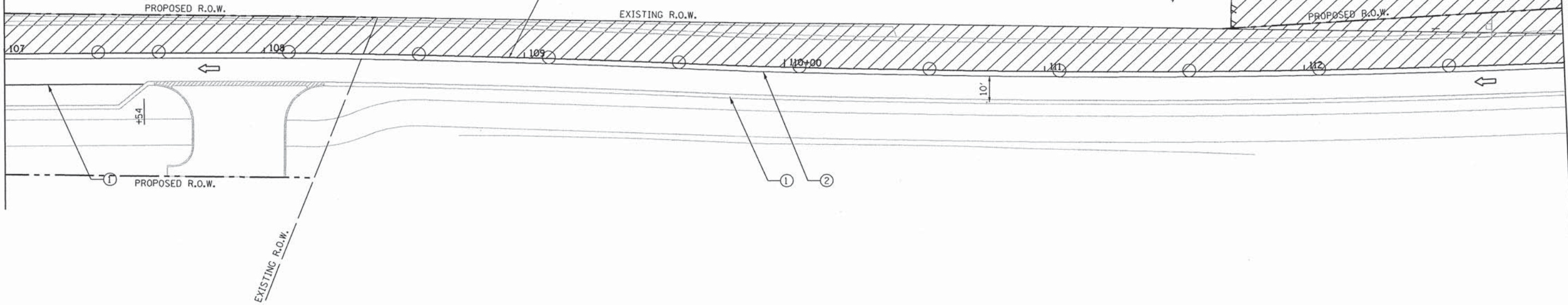
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<p><b>Ciorba Group, Inc.</b> CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel. 773.775.4009 Fax 773.775.4014</p>	USER NAME = jkmon	DESIGNED - JMK	REVISED -	<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>COMMUTER DRIVE IMPROVEMENTS STAGING AND TRAFFIC CONTROL - STAGE II</b></p>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	DRAWN - JMK	REVISED -					08-00097-00-BT	COOK	97	44	
	PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -					CONTRACT NO. 63717				
	DATE - AUGUST 2012	REVISED -		SCALE: 1" = 20'			SHEET NO. OF SHEETS		STA. TO STA.	FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT		

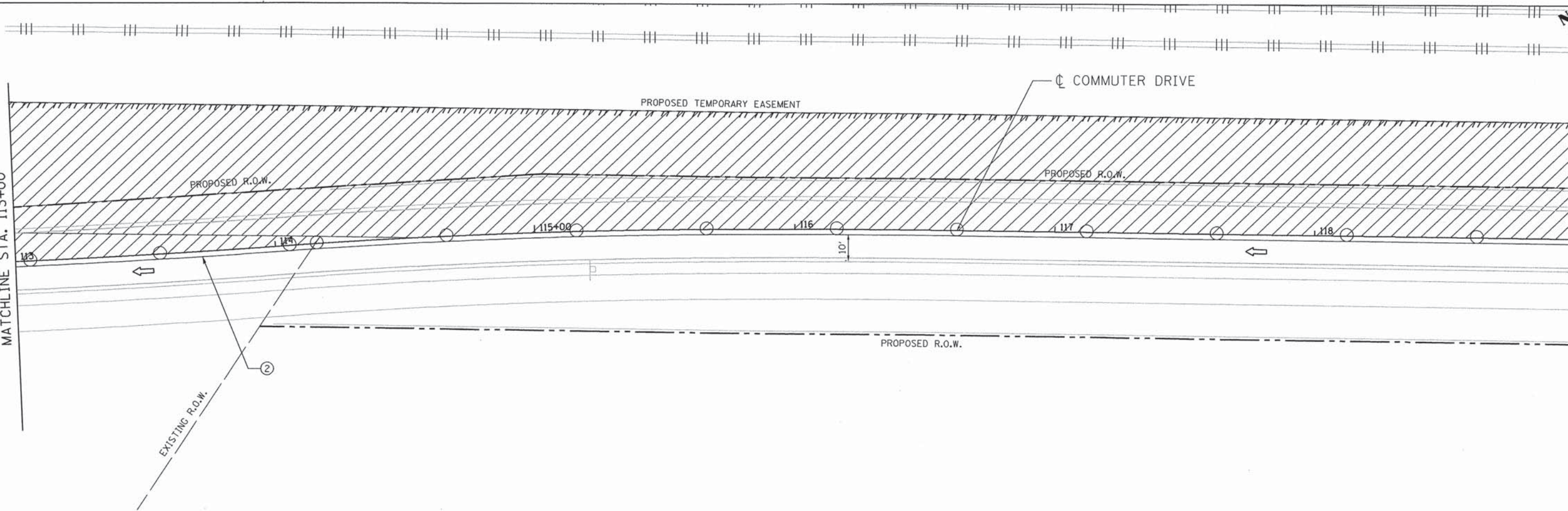
- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMPORARY PAVEMENT
  - DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
  - TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
  - PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
  - PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
  - IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
  - VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING

MATCHLINE STA. 107+00  
SEE SHEET NO. 44



MATCHLINE STA. 113+00

MATCHLINE STA. 113+00



MATCHLINE STA. 119+00  
SEE SHEET NO. 46

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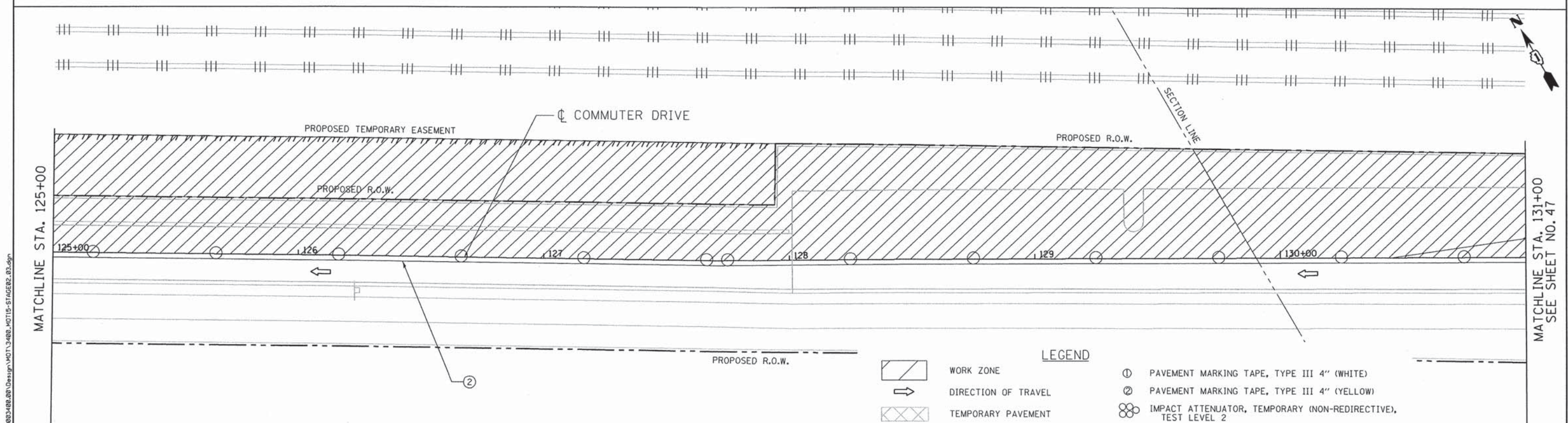
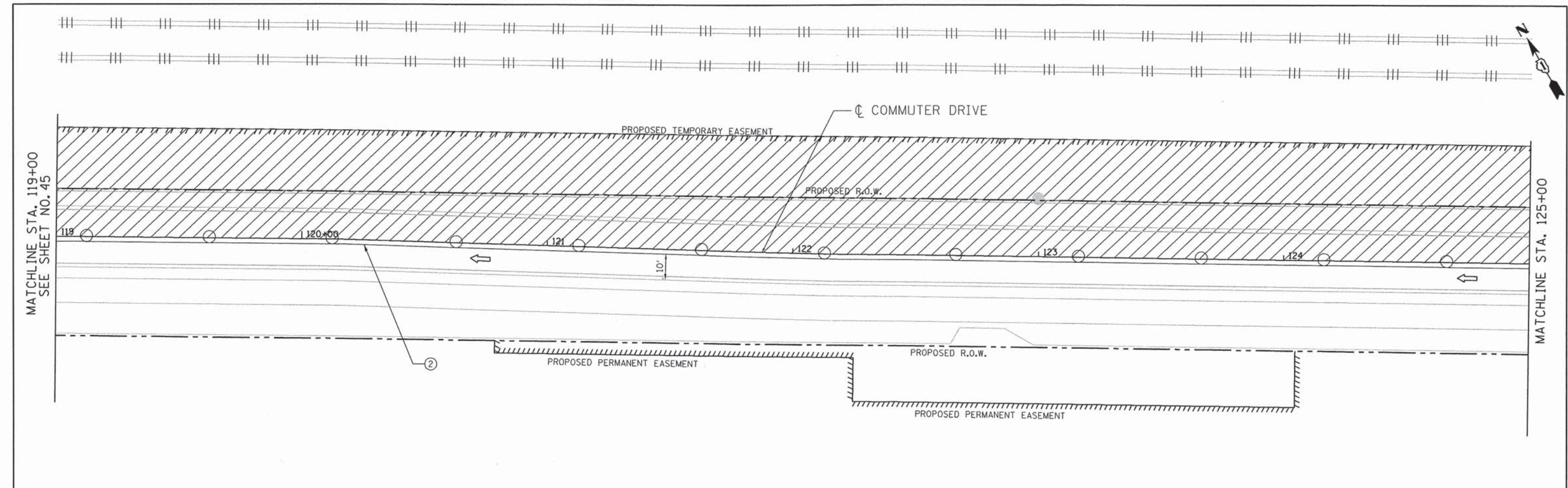
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	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - STAGE II**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	45
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMPORARY PAVEMENT
  - DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
  - TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
  - PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
  - PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
  - IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
  - VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING

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 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

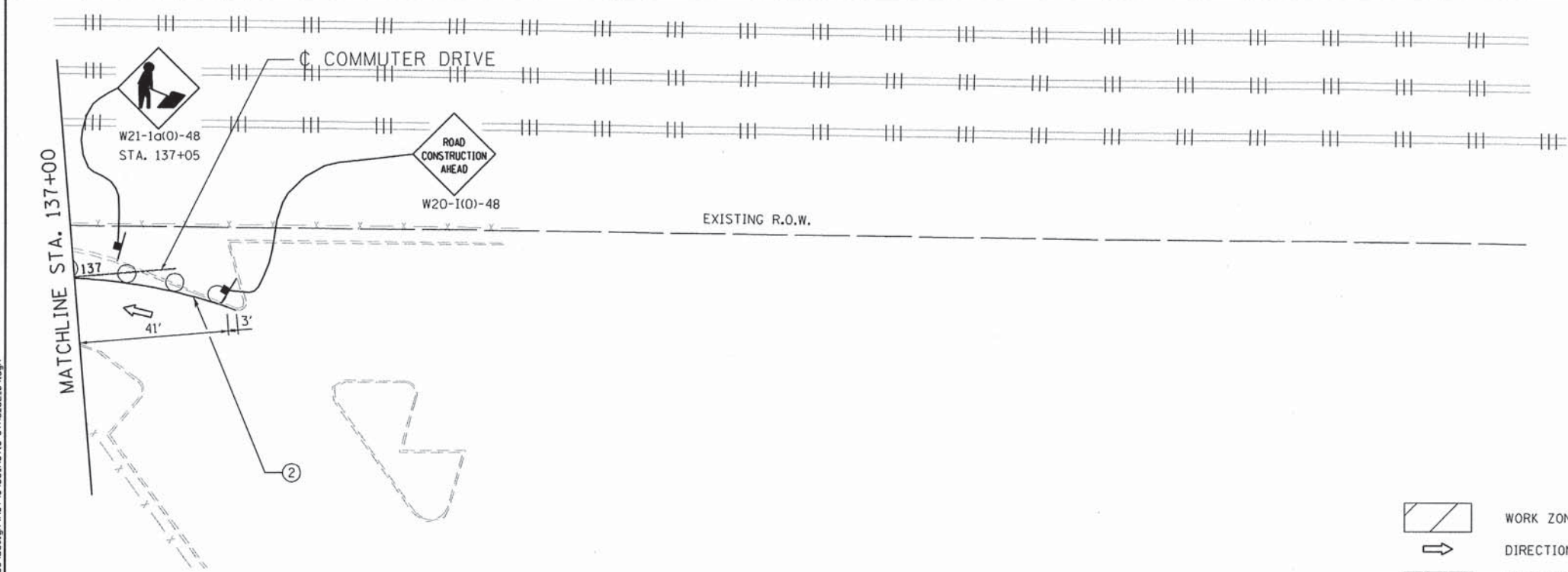
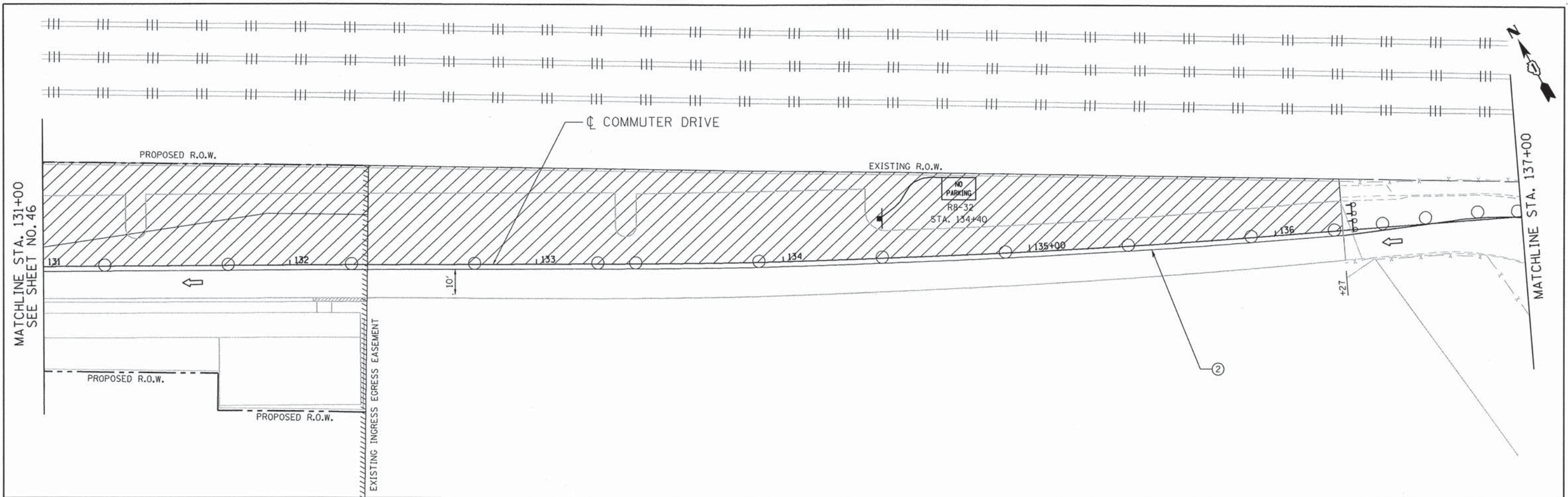
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PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 STAGING AND TRAFFIC CONTROL - STAGE II**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	46
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMPORARY PAVEMENT
  - DRUMS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING (20' SPACING IN TAPER)
  - TYPE III BARRICADE W. FLASHING MONODIRECTIONAL LIGHTS
  - PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
  - PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
  - IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
  - VERTICAL PANELS W/ STEADY BURN MONO-DIRECTIONAL LIGHT AT 50' SPACING

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 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk.jellman	DESIGNED - JMK	REVISED -
PLOT SCALE = 48.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 7/15/2013	CHECKED - MJL	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
STAGING AND TRAFFIC CONTROL - STAGE II**

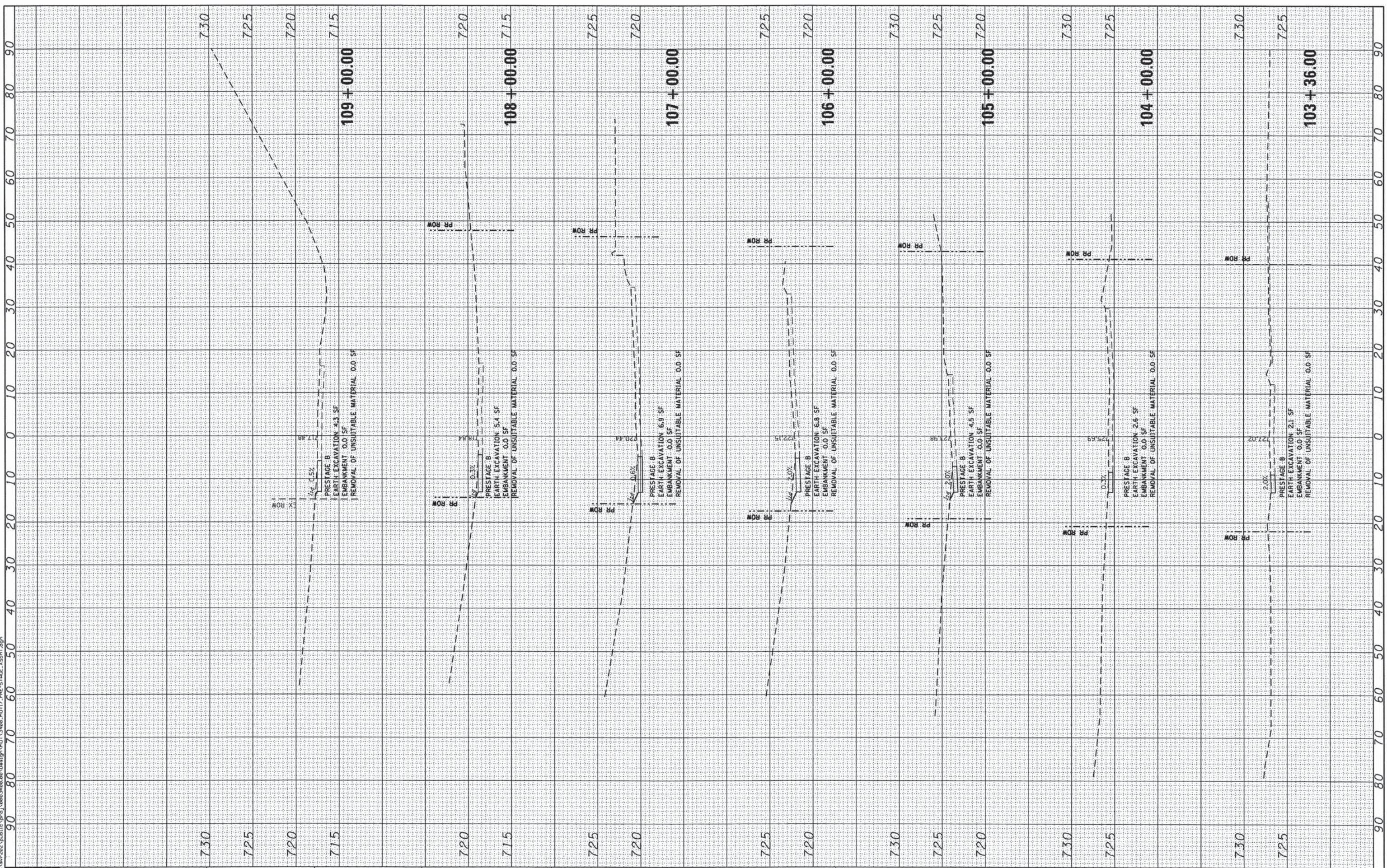
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	47
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

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 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk,jellman	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
DATE = AUGUST 2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 STAGING CROSS SECTIONS**

SCALE:	SHEET NO. OF SHEETS	STA. 103+36.00 TO STA. 109+00.00
--------	---------------------	----------------------------------

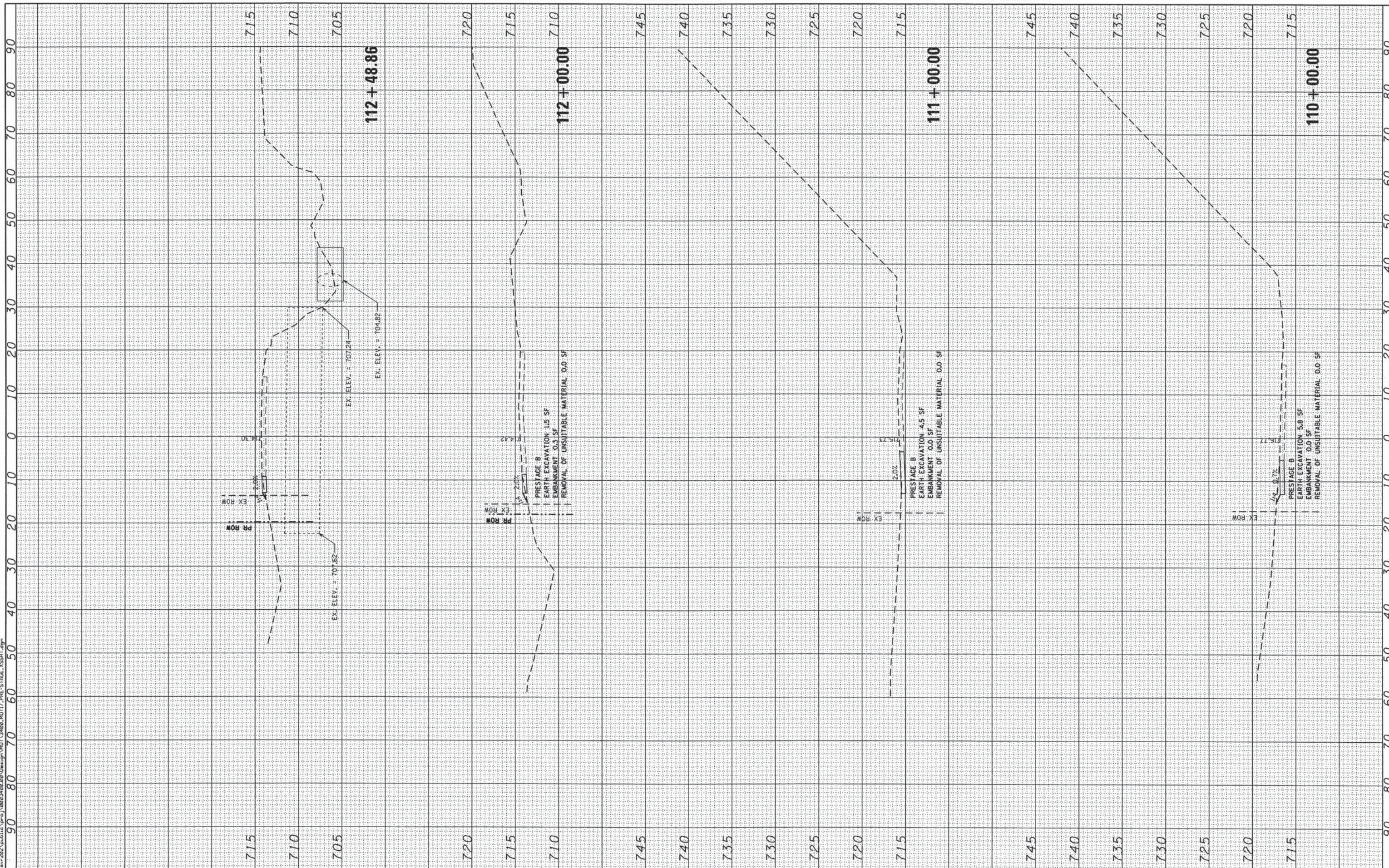
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	08-00097-00-BT	COOK	97	48
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



FINAL SURVEY	BY	DATE
SURVEYED		
PLANNED		
TEMPORARY		
AREAS CHECKED		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLANNED		
TEMPORARY		
AREAS CHECKED		
AREAS CHECKED		
NO.		

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**CG** Ciorba Group, Inc.  
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5507 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = j.jellman	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
STAGING CROSS SECTIONS**

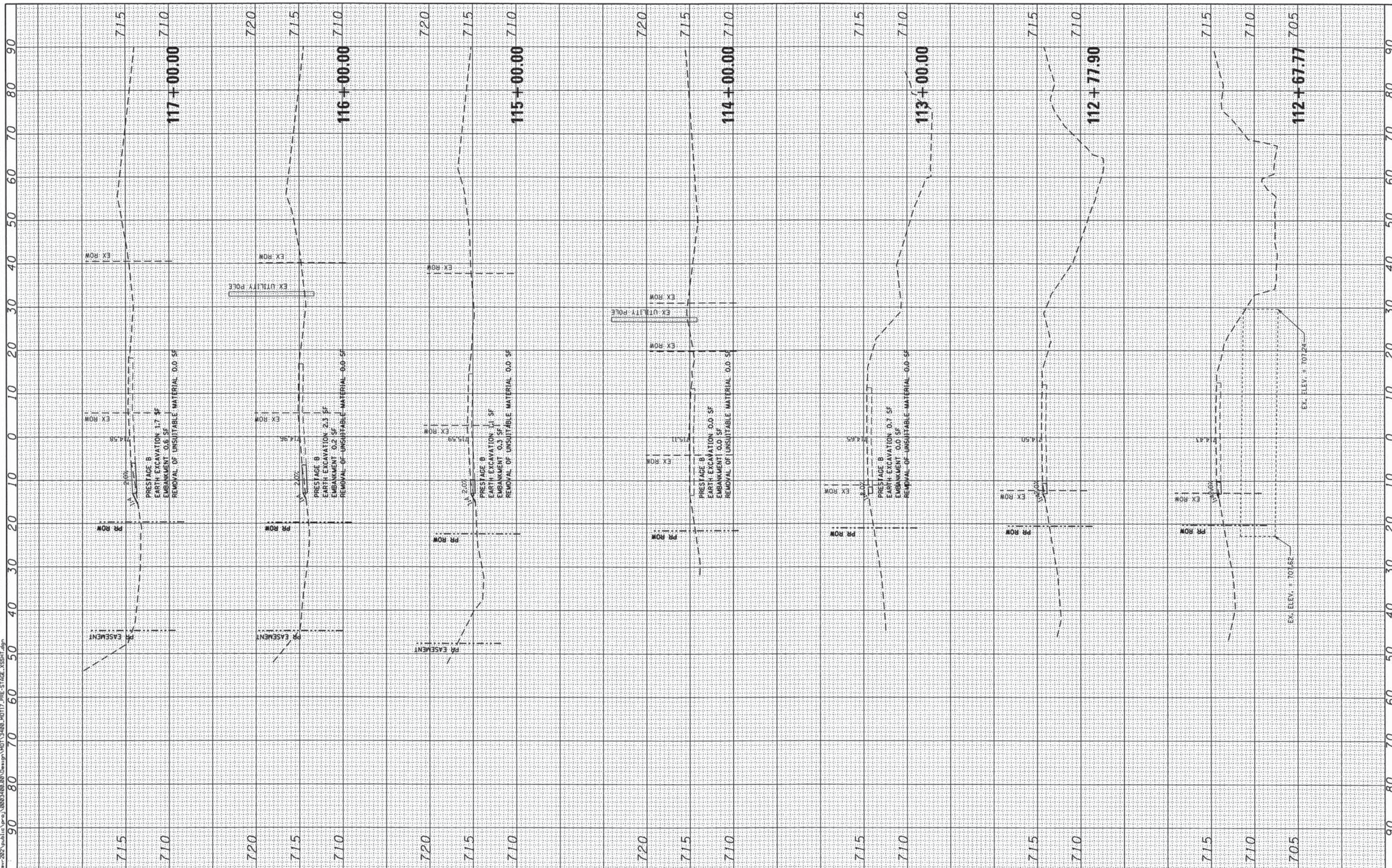
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63717	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
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5507 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk_jellman	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. OF SHEETS	STA. 112+67.77 TO STA. 117+00.00
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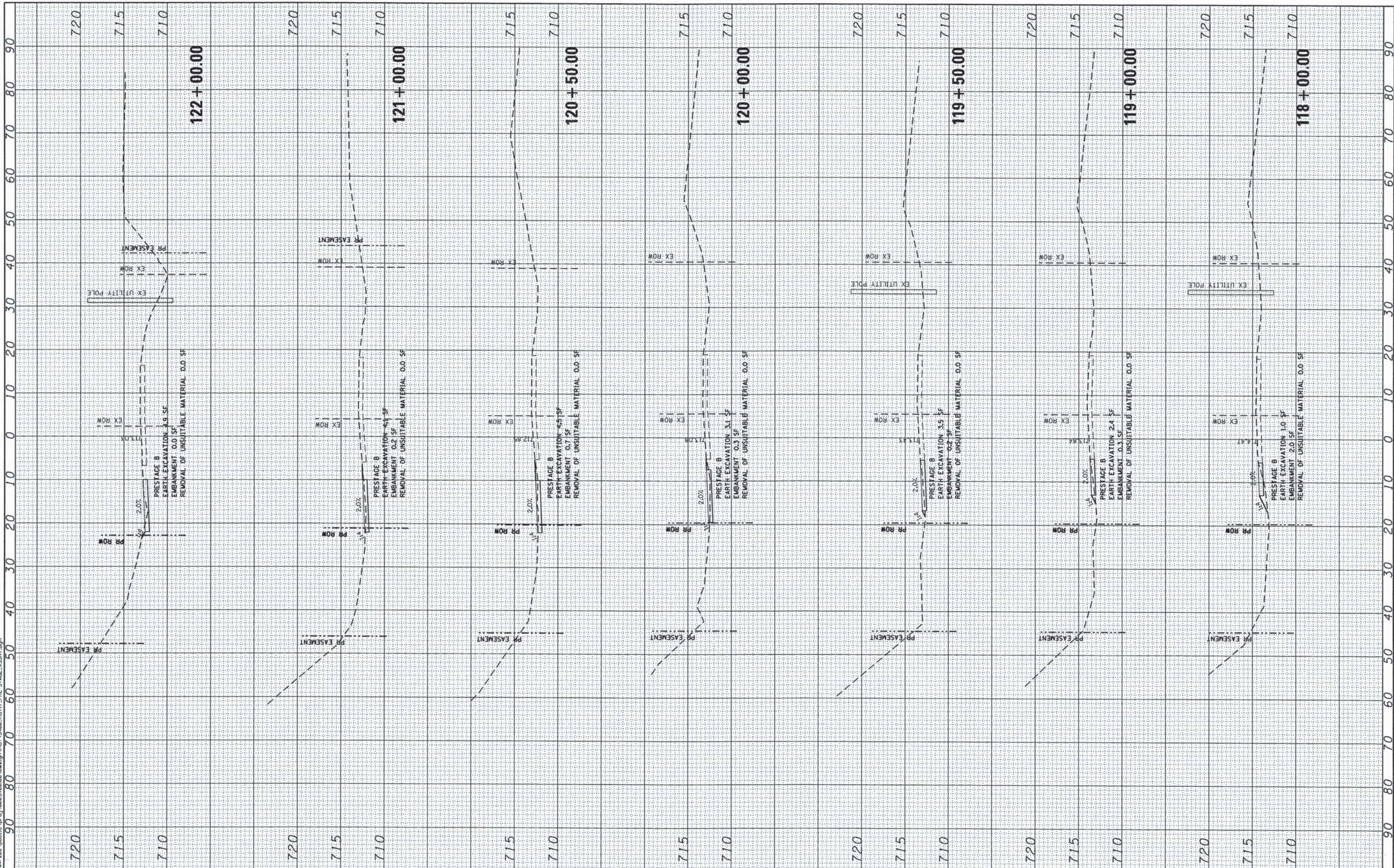
**COMMUTER DRIVE IMPROVEMENTS  
STAGING CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	50
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

FILE NAME: \\svr202\public\pco\0803408.00\Design\MDT\3408.MDT\17 PRE-STAGE.XSSHT.dgn



**CG** Ciorba Group, Inc.  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402  
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USER NAME = jk.jellman	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
DATE = AUGUST 2012	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

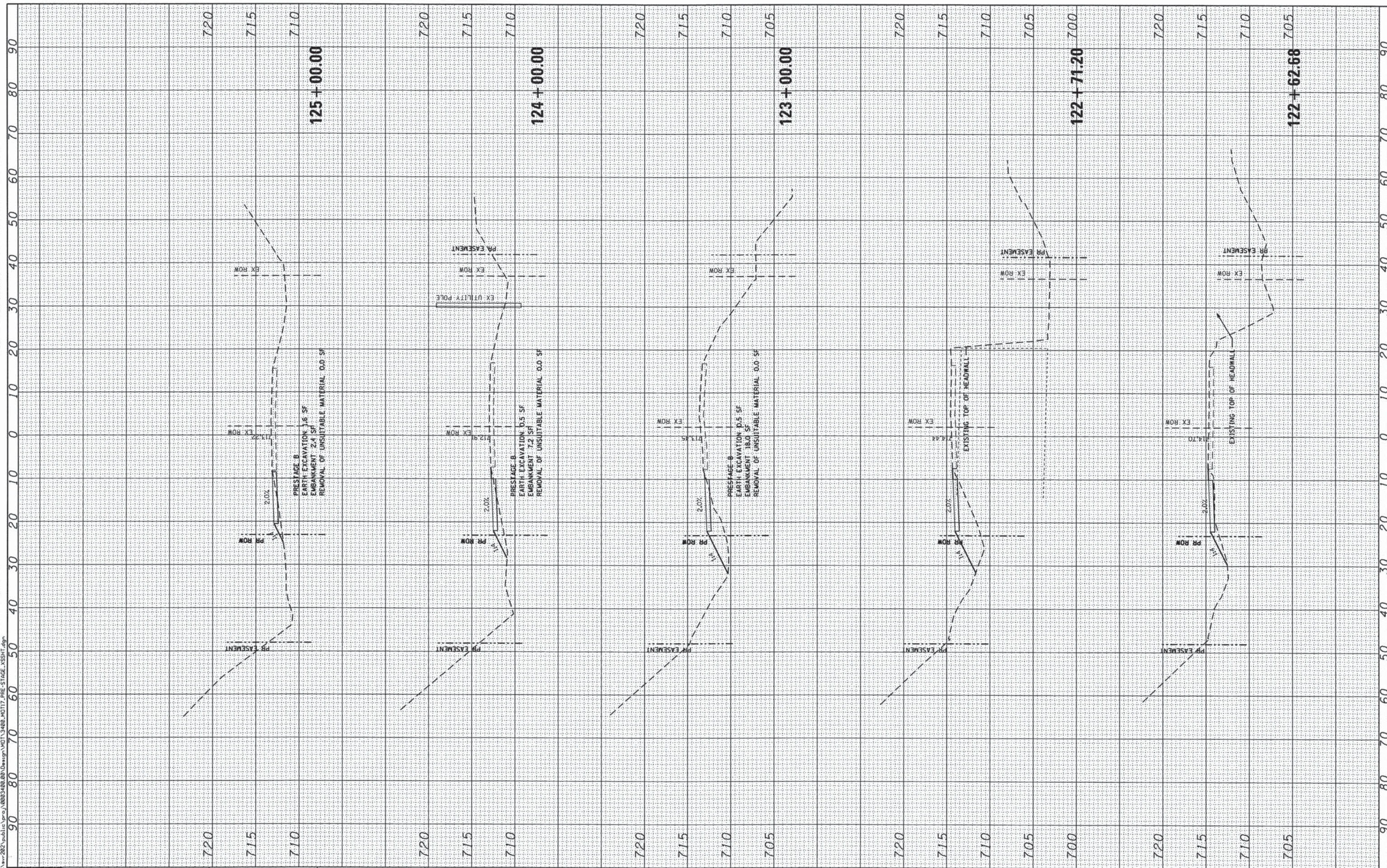
SCALE:	SHEET NO.	OF SHEETS	STA. 118+00.00 TO STA. 122+00.00
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**COMMUTER DRIVE IMPROVEMENTS  
STAGING CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	51
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		



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**Ciorba Group, Inc.**  
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USER NAME = jkrellman	DESIGNED -	REVISED -
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PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>COMMUTER DRIVE IMPROVEMENTS</b>	
<b>STAGING CROSS SECTIONS</b>	
SCALE:	SHEET NO. OF SHEETS
	STA. 122+62.68 TO STA. 125+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	52
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

FINISH SURVEY	DATE
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

FILE NAME: \\svr202\pub\lca\proj\0003480\00\Design\MOT\3480-MOT17-PRE-STAGE.XSSHT.dgn



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USER NAME = jkjeilmen	DESIGNED -	REVISED -
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PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

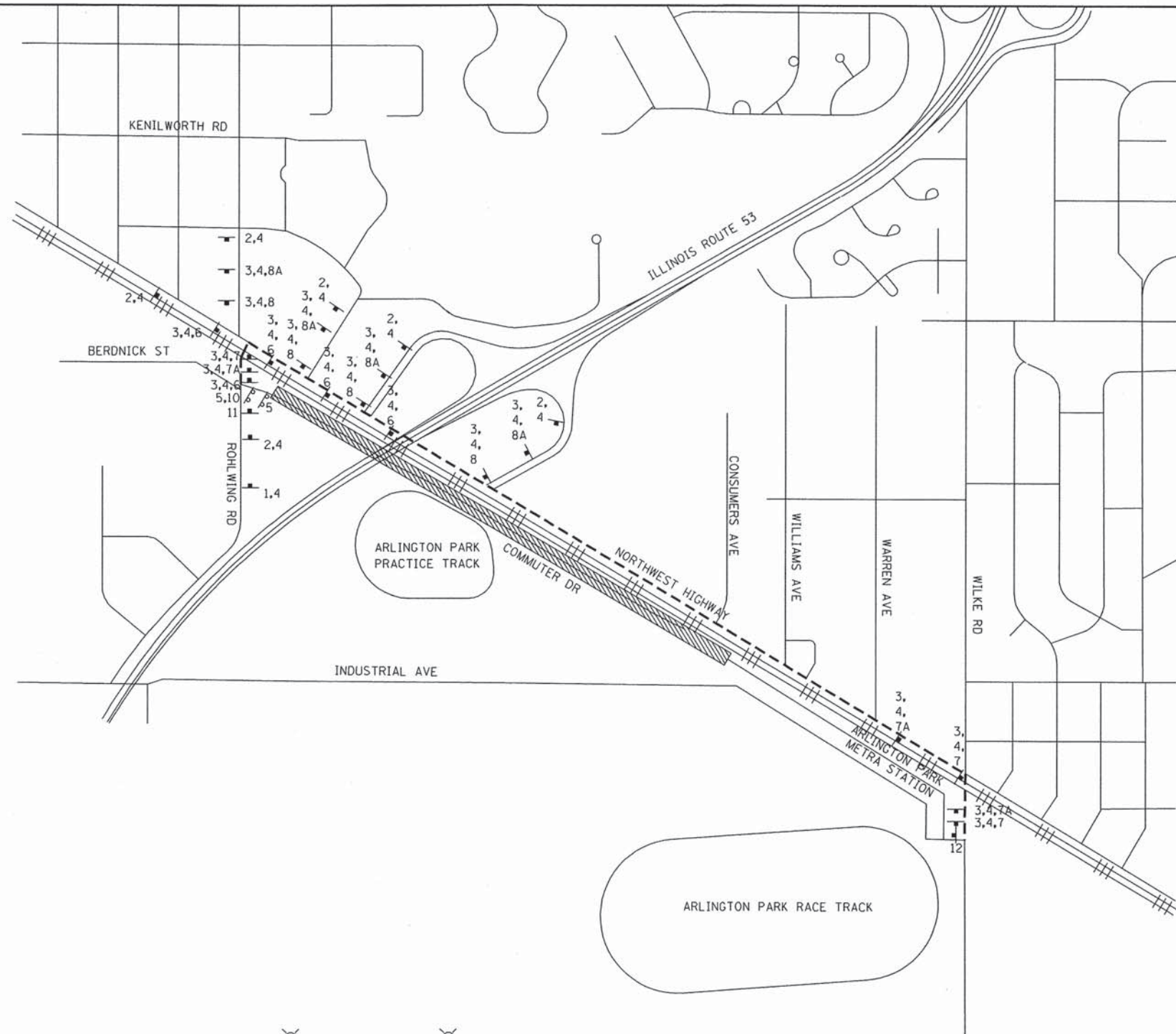
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**COMMUTER DRIVE IMPROVEMENTS  
 STAGING CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	53
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63717	

**DETOUR PLAN GENERAL NOTES**

1. THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF STARTING WORK.
2. TEMPORARY TRAFFIC CONTROL SIGNS MUST BE INSTALLED AT THE DIRECTION AND UNDER THE SUPERVISION OF THE ENGINEER. 48 HOURS NOTICE MUST BE GIVEN TO THE ENGINEER, CITY OF ROLLING MEADOWS, AND VILLAGE OF ARLINGTON HEIGHTS.
3. ALL TRAFFIC SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL MEET WITH THE APPROVAL OF THE ENGINEER REGARDING LOCATION, TYPE, SIZE, NUMBER AND DURATION.
4. FOR TYPICAL SIGN INSTALLATIONS, SEE STANDARD #701901-01
5. APPROPRIATE IDOT TRAFFIC CONTROL STANDARDS SHALL BE USED TO INSTALL AND REMOVE TRAFFIC CONTROL AND PROTECTION DEVICES.
6. FLAGS ON "WARNING" SIGNS ARE OPTIONAL.
7. THE COST OF INSTALLING, MAINTAINING AND REMOVING THE DETOUR SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION. (SPECIAL).
8. WESTBOUND TRAFFIC ON COMMUTER DRIVE MUST MAINTAINED AT ALL TIMES DURING CONSTRUCTION.



**DETOUR PLAN LEGEND**

- WORK ZONE (ROAD CLOSED)
- TYPE III BARRICADE
- DETOUR SIGN
- DETOUR ROUTE
- 1,2,3 DETOUR SIGN TYPE

NOTE: DETOUR FOR EASTBOUND TRAFFIC ONLY

**TYPICAL SIGN ARRANGEMENT**

FILE NAME: \\syr202\public\proj\8003408\_08\Design\DOT\3408\_MOT18-DETOUR.dgn

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	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 TEMPORARY DETOUR PLAN**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	54
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63717	

1. ALL AREAS OF BARE GROUND WILL BE TEMPORARILY SEEDED EVERY 7 DAYS UNTIL PERMANENT EROSION CONTROL IS IN PLACE

2. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE AT OR BELOW THE NORMAL WATER ELEVATION. WORK IN OR NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.

3. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.

4. PROPERTIES AND CHANNELS ADJOINING THE PROJECT SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.

5. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

6. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.

7. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE AND FILTERED (E.G. SEDIMENT BASIN WITH BAFFLE SYSTEM OR OTHER APPROPRIATE MEASURES). THESE MEASURES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

8. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.

9. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA, WETLAND AREAS OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.

10. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

11. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING, OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, WATER OF THE U.S. OR ISOLATED WATERS OF COOK COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.

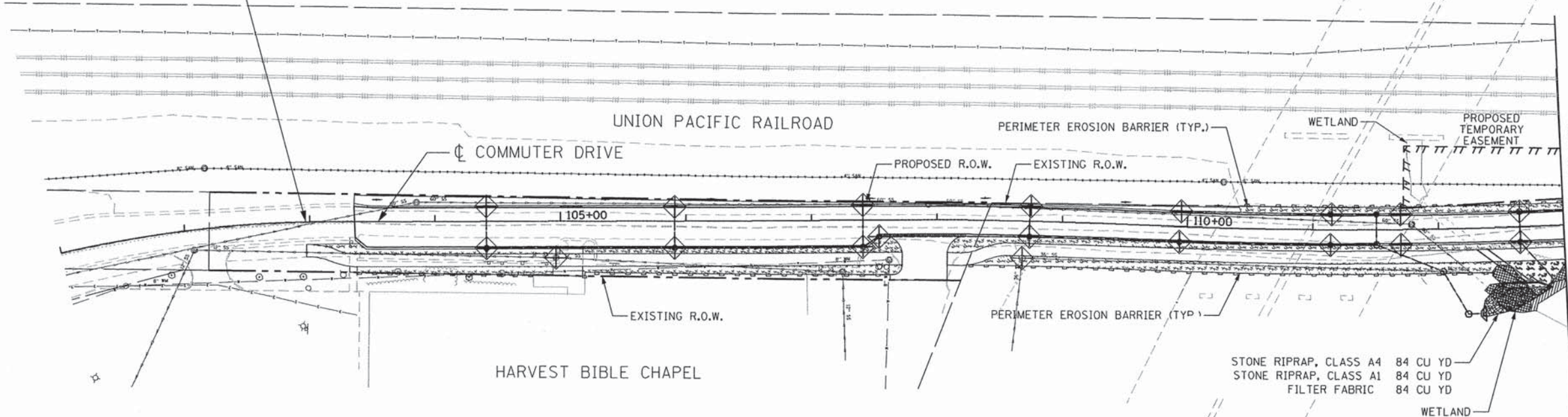
12. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.

13. WHERE STREAM DISTURBANCE IS NECESSARY, THE STREAM, INCLUDING BED AND BANKS, SHALL BE RESTABILIZED WITHIN FORTY-EIGHT (48) HOURS AFTER DISTURBANCE IS COMPLETED OR INTERRUPTED.

LEGEND	
	PERIMETER EROSION BARRIER
	INLET FILTERS
	TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY EROSION CONTROL BLANKET
	STONE RIP RAP WITH FILTER FABRIC

NOTE: CONTRACTOR SHALL PROVIDE INLET FILTERS TO ALL PROPOSED INLETS LOCATED WITHIN THE PROJECT LIMITS.

BEGIN IMPROVEMENT STA. 102+96.96



MATCHLINE STA. 113+00  
SEE SHEET NO. 56

STONE RIPRAP, CLASS A4 84 CU YD  
STONE RIPRAP, CLASS A1 84 CU YD  
FILTER FABRIC 84 CU YD

TOTAL PERMANENT WETLAND IMPACT AREA = 0.03 ACRE  
TOTAL TEMPORARY WETLAND IMPACT AREA = 0.01 ACRE

PERMANENT WETLAND IMPACT AREA  
 TEMPORARY WETLAND IMPACT AREA

14. IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.

15. DURING DEWATERING OF THE WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER SHALL NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.

16. THE PORTION OF THE SIDE SLOPE THAT IS ABOVE THE OBSERVED WATER ELEVATION SHALL BE STABILIZED AS SPECIFIED IN THE PLANS PRIOR TO ACCEPTING FLOWS. THE SUBSTRATE AND TOE OF SLOPE THAT HAS BEEN DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED OR PRE-CONSTRUCTION CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.

17. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING, OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, WATER OF THE U.S..

THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE VILLAGE. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE ENGINEER FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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USER NAME = jk.jellman	DESIGNED - RJR	REVISED -
PLOT SCALE = 100.0000' / IN.	DRAWN - RJR	REVISED -
PLOT DATE = 7/15/2013	CHECKED - DMM	REVISED -
	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

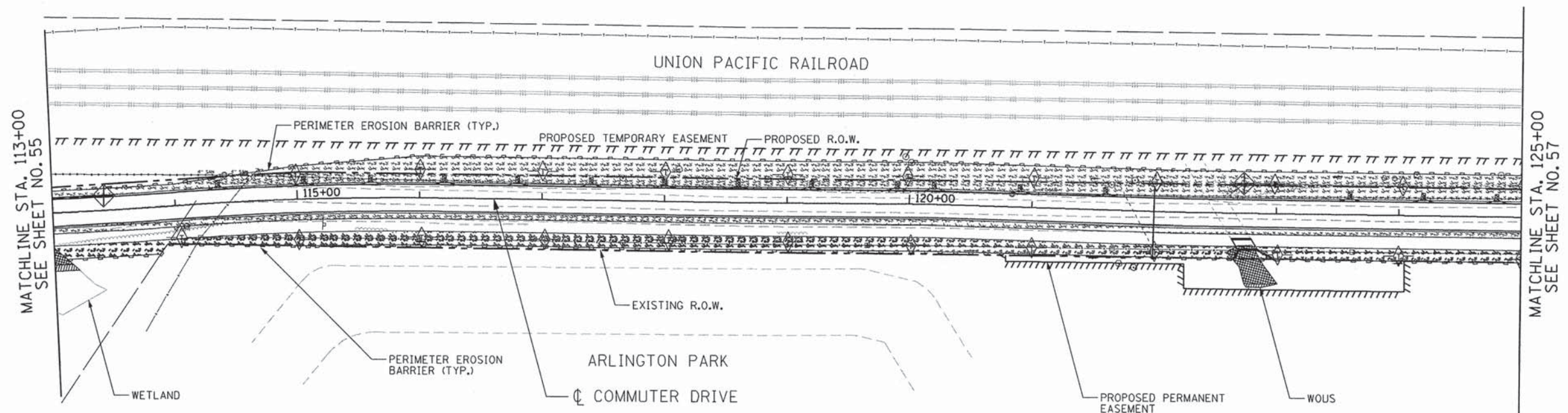
COMMUTER DRIVE IMPROVEMENTS  
EROSION AND SEDIMENT CONTROL PLANS

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	55
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

NOTE:  
CONTRACTOR SHALL PROVIDE INLET  
FILTERS TO ALL EXISTING AND PROPOSED  
INLETS LOCATED WITHIN THE PROJECT LIMITS.

LEGEND	
	PERIMETER EROSION BARRIER
	INLET FILTERS
	TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL SEEDING
	EROSION CONTROL BLANKET
	STONE RIP RAP WITH FILTER FABRIC



	PERMANENT WETLAND IMPACT AREA
	TEMPORARY WETLAND IMPACT AREA

TOTAL PERMANENT WOUS IMPACT AREA = 0.02 ACRE  
TOTAL TEMPORARY WOUS IMPACT AREA = 0.01 ACRE

	PERMANENT WOUS IMPACT AREA
	TEMPORARY WOUS IMPACT AREA

THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE CITY. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE ENGINEER FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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USER NAME = jk,jellman	DESIGNED - RJR	REVISED -
DRAWN - RJR	REVISIONS	
PLOT SCALE = 100.0000' / IN.	CHECKED - DMM	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
EROSION AND SEDIMENT CONTROL PLANS**

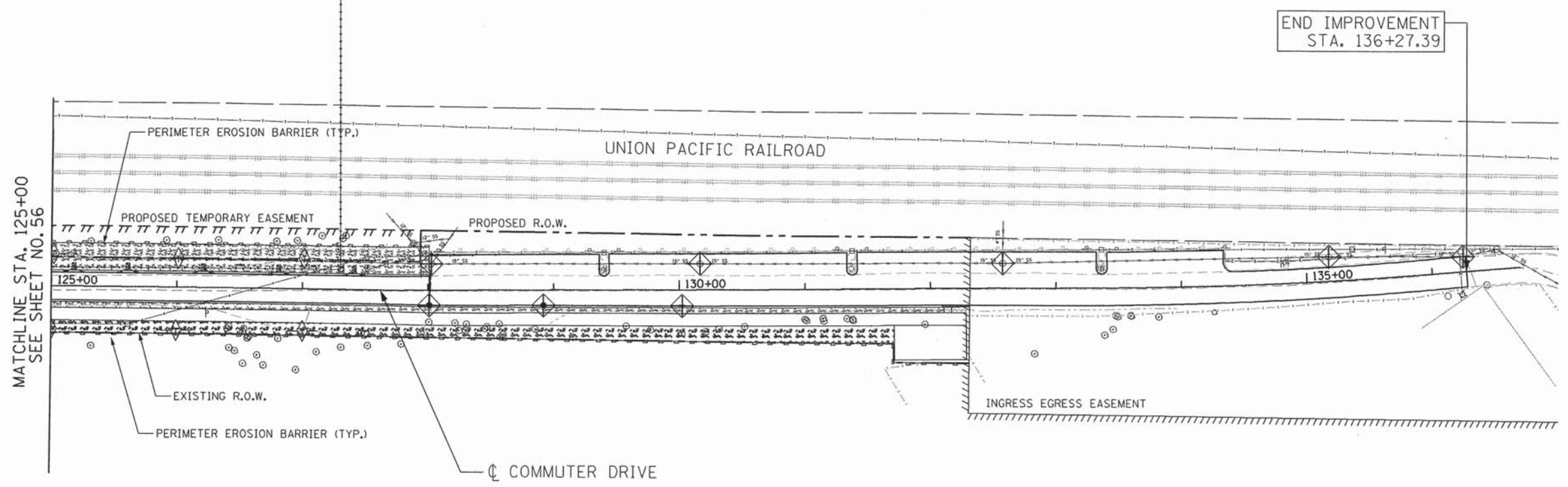
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	56
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



LEGEND	
	PERIMETER EROSION BARRIER
	INLET FILTERS
	TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL SEEDING
	EROSION CONTROL BLANKET
	STONE RIP RAP WITH FILTER FABRIC

NOTE:  
CONTRACTOR SHALL PROVIDE INLET FILTERS TO ALL EXISTING AND PROPOSED INLETS LOCATED WITHIN THE PROJECT LIMITS.



MATCHLINE STA. 125+00  
SEE SHEET NO. 56

END IMPROVEMENT  
STA. 136+27.39

FILE NAME: \\svr202\public\proj\0803488\08\Design\Eros\_Lndscp\3488\_eros.dwg

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS EROSION AND SEDIMENT CONTROL PLANS			
SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	57
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				CONTRACT NO. 63717

WB 01-INLET  
STA. 104+41/12' LT  
INLETS TA T23F&G  
I=724.72  
INV.= 721.10 (SW)

WB 02-INLET  
STA. 105+91/12' LT  
INLETS TA T23F&G  
I=722.14  
INV.= 718.52 (SW)

O1  
STORM SEWERS,  
CLASS A, TYPE 1, 12"  
33' @ 0.50%  
TBF= 5 C.Y.

O3  
STORM SEWERS,  
CLASS A, TYPE 1, 12"  
33' @ 0.50%  
TBF= 5 C.Y.

EB 01-CB  
STA. 104+41/21' RT  
CB TA 4 DIA T23F&G  
I=724.54  
INV.= 720.94 (NE)  
INV.= 718.81 (SE)

EB 02-CB  
STA. 105+91/21' RT  
CB TA 4 DIA T23F&G  
I=721.96  
INV.= 718.36 (NE)  
INV.= 717.31 (SE,NW)

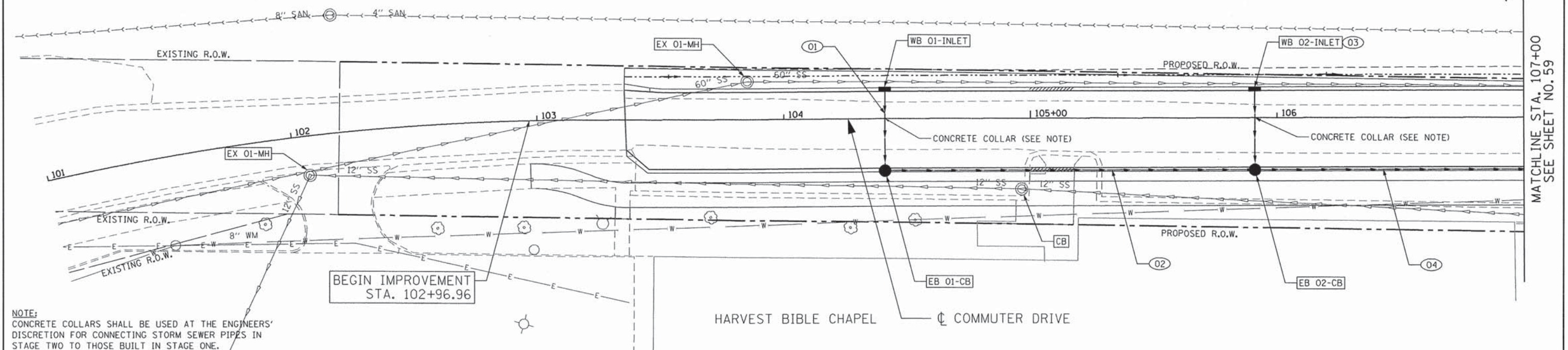
O2  
STORM SEWERS,  
CLASS A, TYPE 2, 12"  
150' @ 1.00%  
TBF= 47 C.Y.

O4  
STORM SEWERS,  
CLASS A, TYPE 2, 12"  
150' @ 1.00%  
TBF= 30 C.Y.

- CB CATCH BASINS TO BE ADJUSTED
- MH MANHOLES TO BE ADJUSTED
- VV VALVE VAULTS TO BE ADJUSTED
- VB VALVE BOXES TO BE ADJUSTED

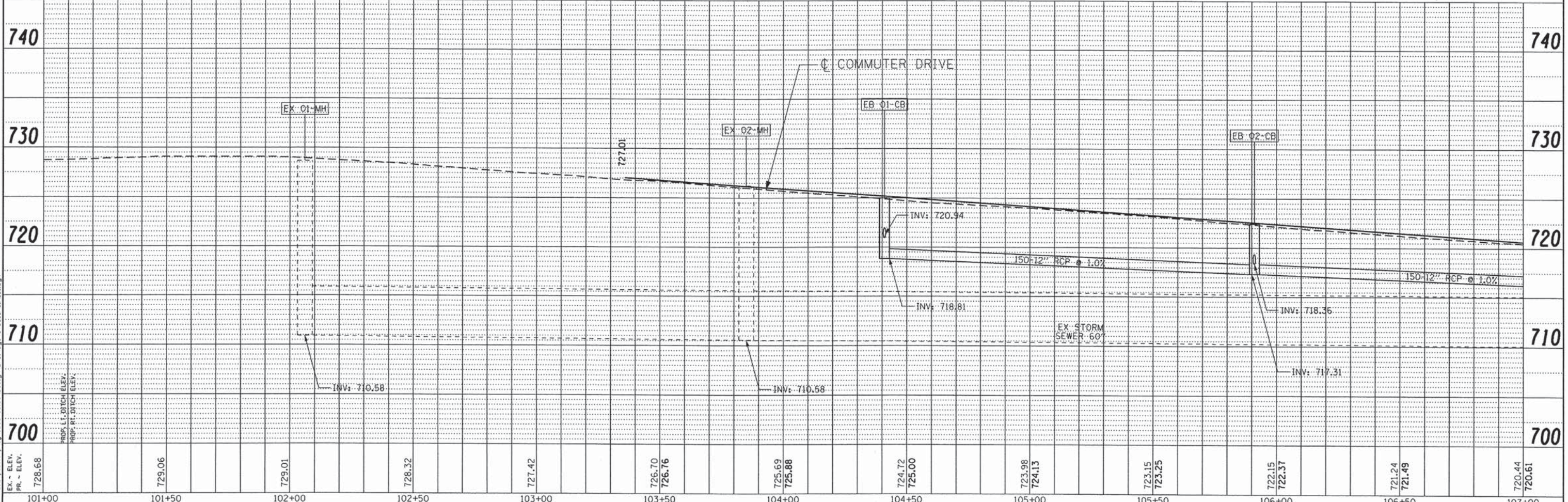
UNION PACIFIC RAILROAD

DATE	
BY	
REVISION	
NO.	
PLAN	
NO.	
NOTE BOOK	
NO.	
DATE	
BY	
REVISION	
NO.	
PROFILE	
NO.	
NOTE BOOK	
NO.	



NOTE:  
CONCRETE COLLARS SHALL BE USED AT THE ENGINEERS' DISCRETION FOR CONNECTING STORM SEWER PIPES IN STAGE TWO TO THOSE BUILT IN STAGE ONE.

DATE	
BY	
REVISION	
NO.	
PROFILE	
NO.	
NOTE BOOK	
NO.	
DATE	
BY	
REVISION	
NO.	



101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00	105+50	106+00	106+50	107+00
728.68	729.06	729.01	728.32	727.42	726.70 726.76	725.69 725.88	724.72 725.00	723.98 724.13	723.15 723.25	722.15 722.37	721.24 721.49	720.44 720.61

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

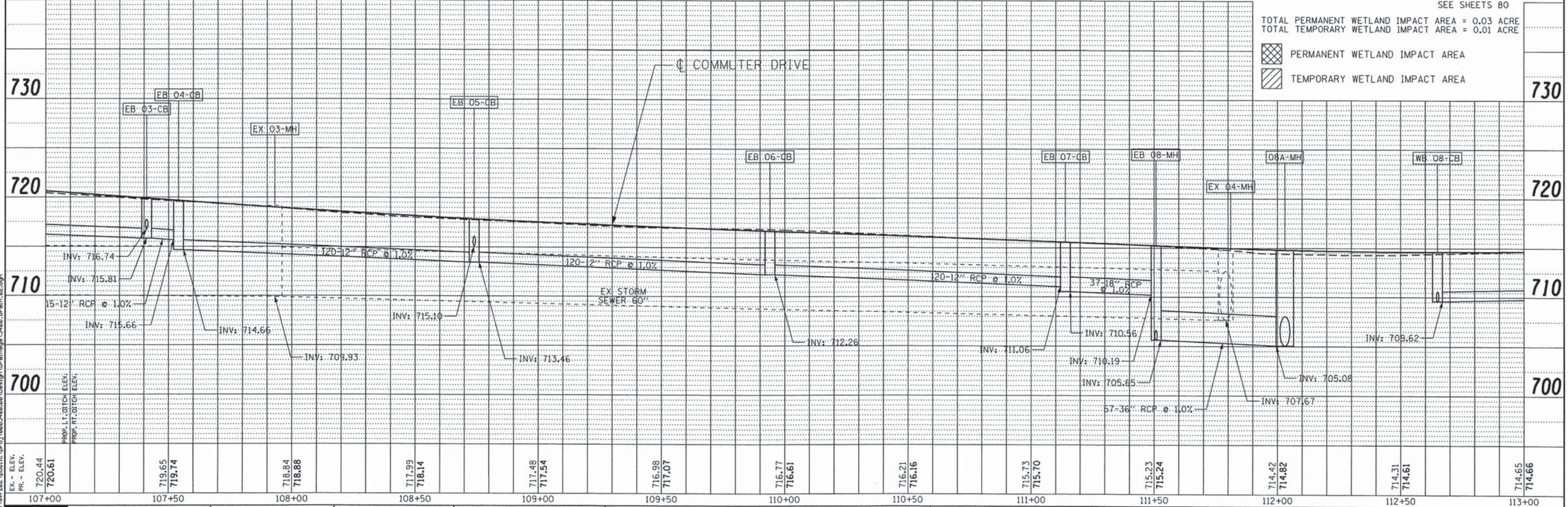
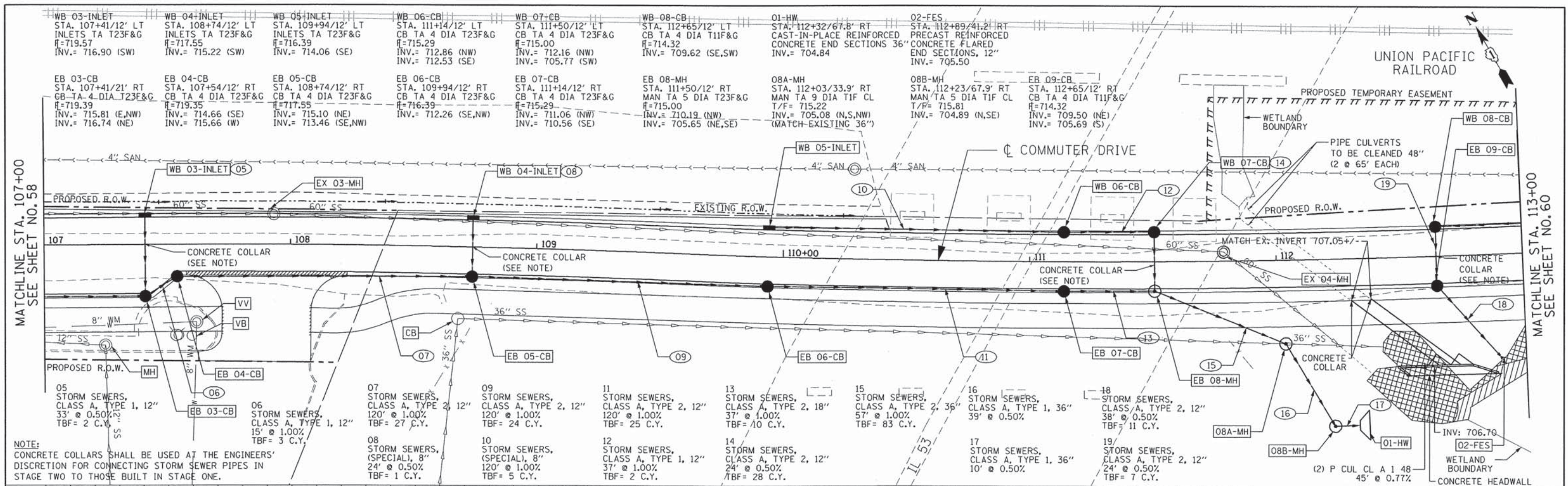
COMMUTER DRIVE IMPROVEMENTS  
DRAINAGE AND UTILITY PLANS

SCALE: 1" = 20'  
SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	58
FED. ROAD DIST. NO. - ILLINOIS			CONTRACT NO. 63717	
FED. AID PROJECT				

DATE	
BY	
PLAN	
NO.	
REVISION	
DATE	
BY	
NO.	

DATE	
BY	
PROFILE	
NO.	
REVISION	
DATE	
BY	
NO.	



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 DRAINAGE AND UTILITY PLANS**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	59
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

FILE NAME = \\svr202\public\proj\0803480\08\Design\Drawings\3480.drain.dwg

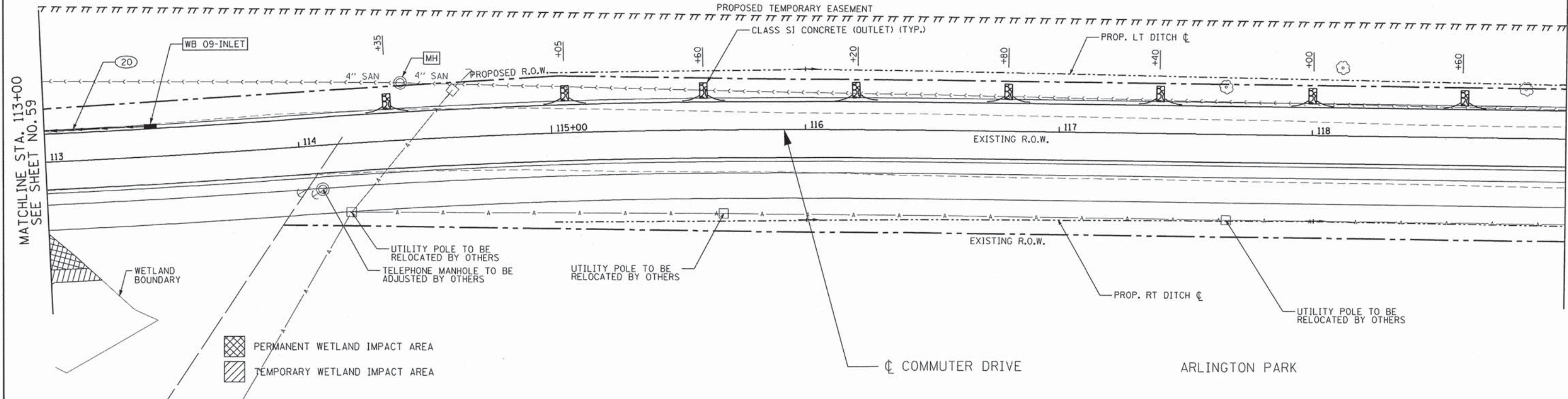
WB 09-INLET  
 STA. 113+42/12' LT  
 INLETS TA T23F&G  
 R=714.61  
 INV.= 710.00 (NW)

20  
 STORM SEWERS,  
 CLASS A, TYPE 2, 12"  
 77' @ 0.50%  
 TBF= 20 C.Y.

UNION PACIFIC RAILROAD

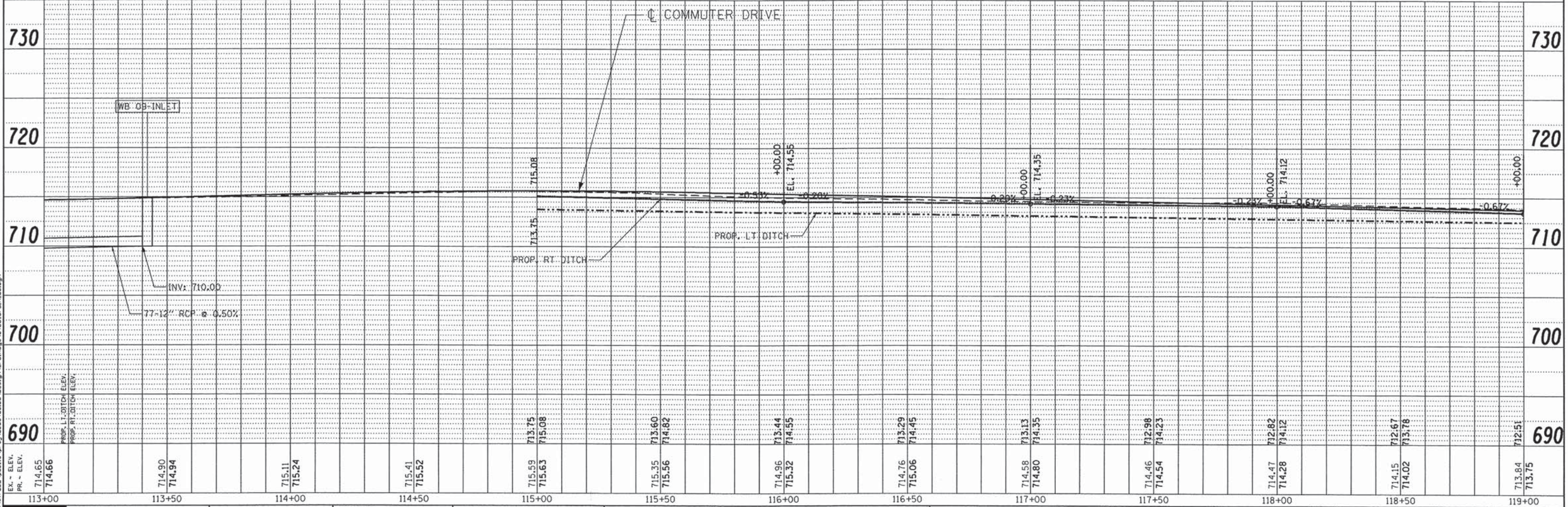


DATE	
BY	
REVISION	
PROPOSED	
PLANNED	
ALIGNMENT	
CHECKED	
BY	
NO.	
NOTE BOOK	
NO.	
NO.	
NO.	
NO.	



PERMANENT WETLAND IMPACT AREA  
 TEMPORARY WETLAND IMPACT AREA

DATE	
BY	
REVISION	
PROPOSED	
PLANNED	
ALIGNMENT	
CHECKED	
BY	
NO.	
NOTE BOOK	
NO.	
NO.	
NO.	
NO.	



FILE NAME: \\svr202\public\proj\0803488\08\Design\Drawings\3488.dwg

**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
 6507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

USER NAME = rjellman	DESIGNED - RJR	REVISED -
PLOT SCALE = 48,0000' / IN.	DRAWN - RJR	REVISED -
PLOT DATE = 7/15/2013	CHECKED - DMM	REVISED -
	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
 DRAINAGE AND UTILITY PLANS  
 SCALE: 1" = 20'  
 SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	60
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

UNION PACIFIC RAILROAD

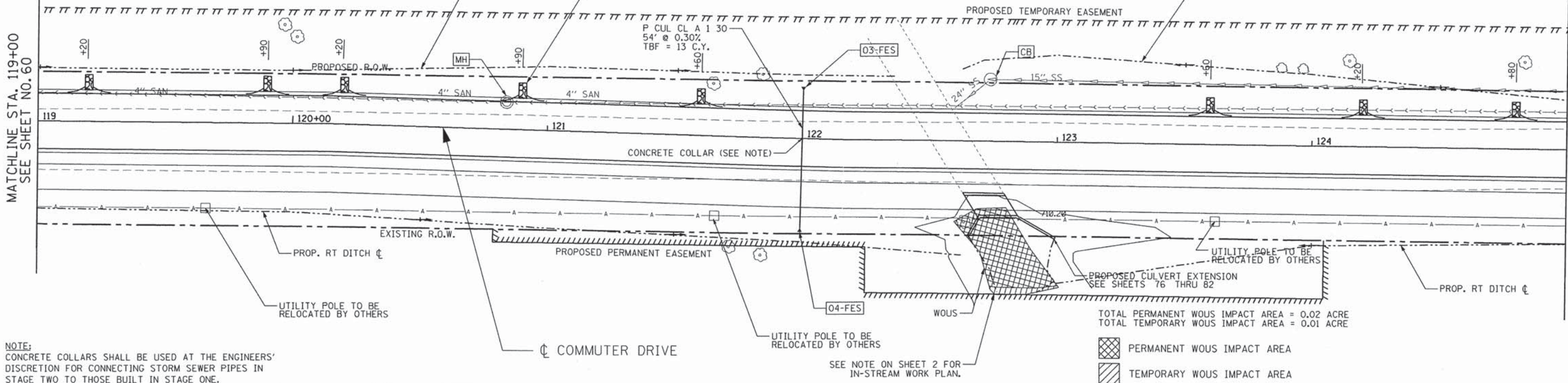
03-FES  
STA. 122+00/18.9' LT  
CAST-IN-PLACE REINFORCED  
CONCRETE END SECTIONS 30"  
INV.= 711.58

04-FES  
STA. 122+00/39.1' RT  
CAST-IN-PLACE REINFORCED  
CONCRETE END SECTIONS 30"  
INV.= 711.42

MATCHLINE STA. 119+00  
SEE SHEET NO. 60

MATCHLINE STA. 125+00  
SEE SHEET NO. 62

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



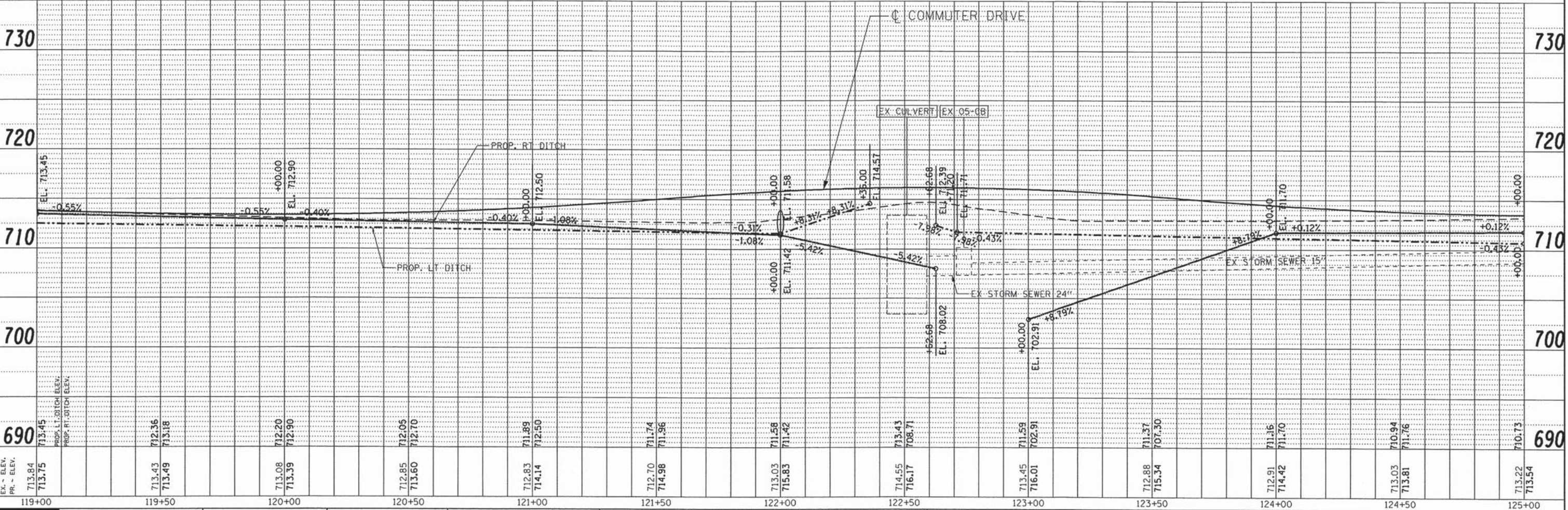
NOTE:  
CONCRETE COLLARS SHALL BE USED AT THE ENGINEERS'  
DISCRETION FOR CONNECTING STORM SEWER PIPES IN  
STAGE TWO TO THOSE BUILT IN STAGE ONE.

TOTAL PERMANENT WOUS IMPACT AREA = 0.02 ACRE  
TOTAL TEMPORARY WOUS IMPACT AREA = 0.01 ACRE

PERMANENT WOUS IMPACT AREA  
TEMPORARY WOUS IMPACT AREA

SEE NOTE ON SHEET 2 FOR  
IN-STREAM WORK PLAN.

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



FILE NAME = \\svr202\public\proj\0802400\00\Design\Drainage\3480\drain\_04.dgn

**Ciorba Group, Inc.**  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkajlman	DESIGNED - RJR	REVISED -
PLOT SCALE = 40.0000' / IN.	DRAWN - RJR	REVISED -
PLOT DATE = 7/15/2013	CHECKED - DMM	REVISED -
DATE - AUGUST 2012	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
DRAINAGE AND UTILITY PLANS

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	61
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

UNION PACIFIC RAILROAD

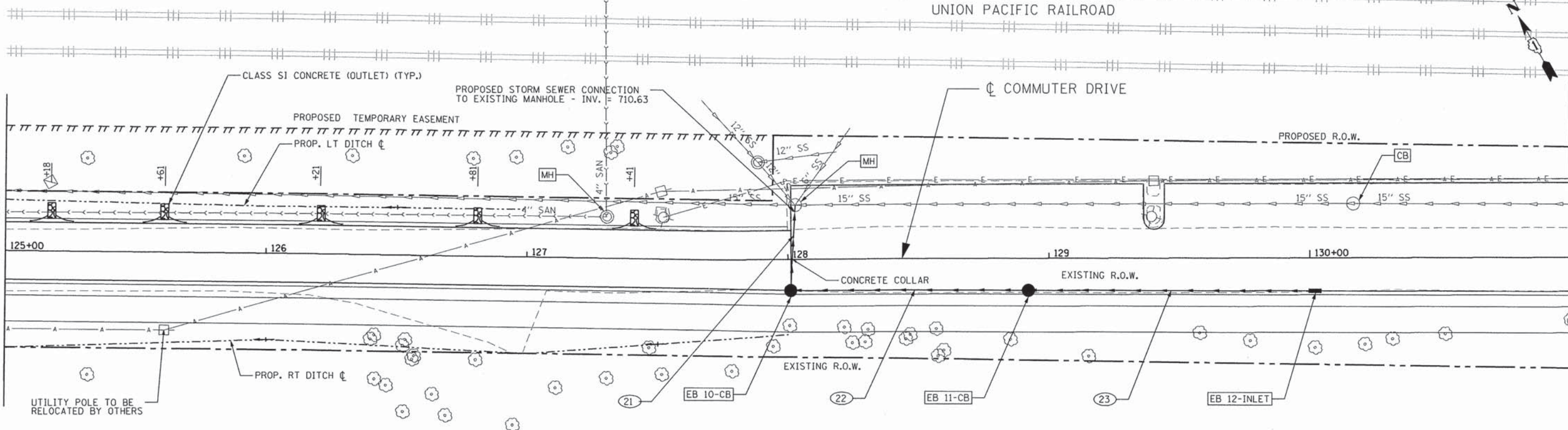
COMMUTER DRIVE

BY	DATE

DATE

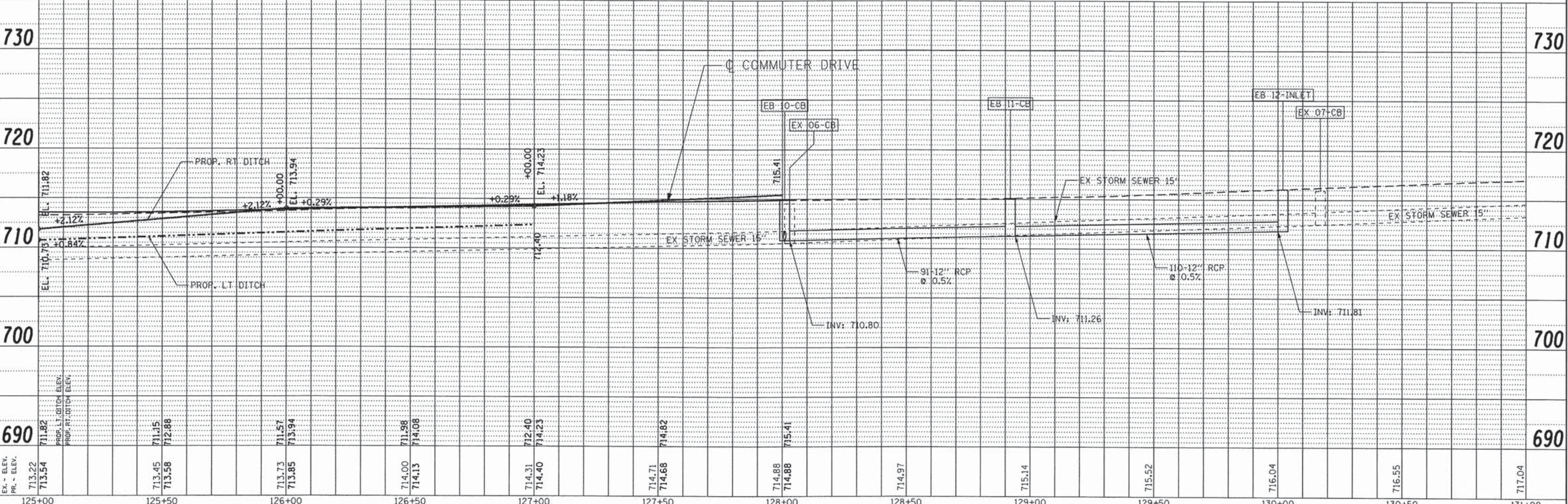
MATCHLINE STA. 125+00  
SEE SHEET NO. 61

MATCHLINE STA. 131+00  
SEE SHEET NO. 63



NOTE:  
CONCRETE COLLARS SHALL BE USED AT THE ENGINEERS' DISCRETION FOR CONNECTING STORM SEWER PIPES IN STAGE TWO TO THOSE BUILT IN STAGE ONE.

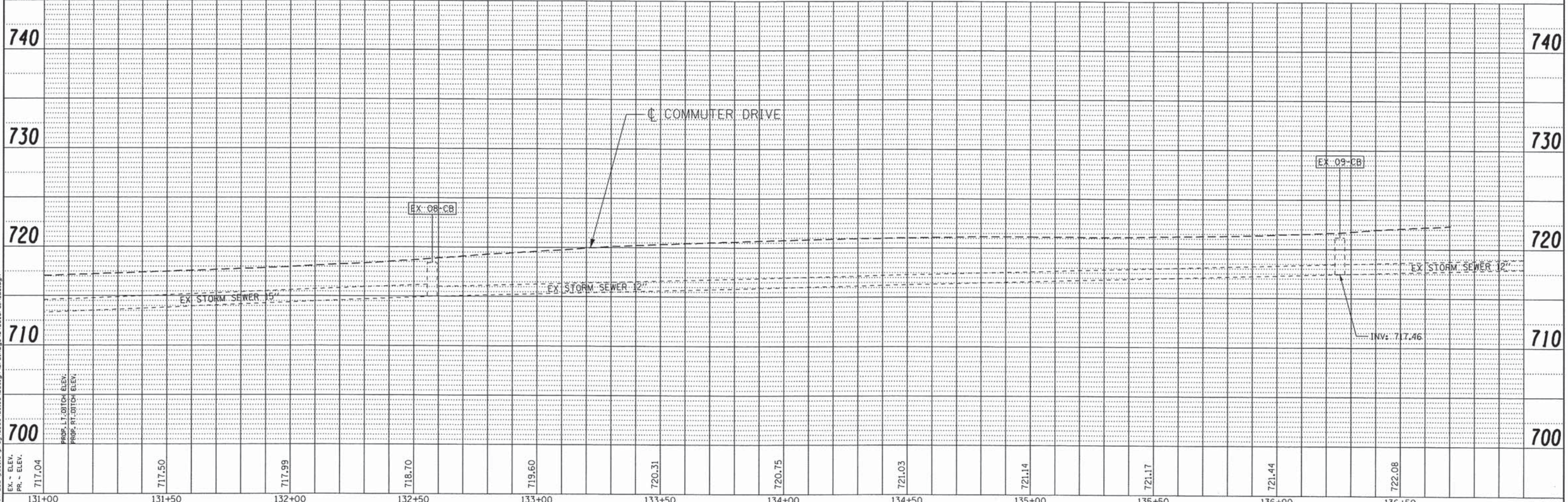
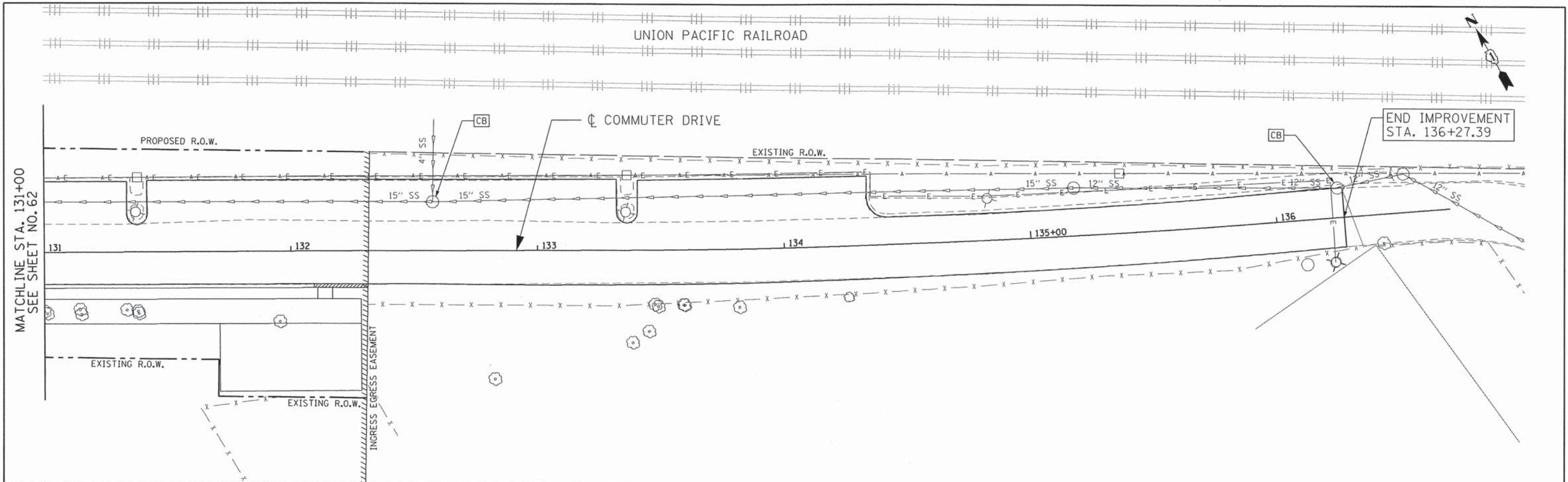
- EB 10-CB  
STA. 128+01/12.9' RT  
CB TA 4 DIA T23F&G  
E=714.60  
INV.= 710.80 (NE,SE)
- EB 11-CB  
STA. 128+92/13.3' RT  
CB TA 4 DIA T23F&G  
E=714.93  
INV.= 711.26 (NW,SE)
- EB 12-INLET  
STA. 130+02/13.7' RT  
INLETS TA T23F&G  
E=715.93  
INV.= 711.81 (NW)
- 21  
STORM SEWERS,  
CLASS A, TYPE 1, 12"  
33' @ 0.50%  
TBF= 6 C.Y.
- 22  
STORM SEWERS,  
CLASS A, TYPE 1, 12"  
91' @ 0.50%  
TBF= 15 C.Y.
- 23  
STORM SEWERS,  
CLASS A, TYPE 1, 12"  
110' @ 0.50%  
TBF= 20 C.Y.



<p><b>CG Ciorba Group, Inc.</b> CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel. 773.775.4009 Fax 773.775.4014</p>	<p>USER NAME = jk.jellman DESIGNED - RJR DRAWN - RJR CHECKED - DMM DATE - AUGUST 2012</p>	<p>REVISED - REVISED - REVISED - REVISED -</p>	<p><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>COMMUTER DRIVE IMPROVEMENTS</b> <b>DRAINAGE AND UTILITY PLANS</b></p>	<p>F.A.R.T.E. SECTION 08-00097-00-BT COUNTY COOK COUNTY TOTAL SHEETS 97 SHEET NO. 62</p>
<p>SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.</p>			<p>FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 63717</p>		

DATE	
BY	
PLAN	
SURVEYED	
NOTED	
ALIGNED	
RT. OF WAY CHECKED	
NO.	
PROJ. FILE NAME	

DATE	
BY	
PROFILE	
NOTED	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS CHECKED	
NO.	



FILE NAME: \\svr202\public\proj\0803488-00\Design\Drawings\3488-draw-06.dgn

EX - ELEV. 717.04  
 PR - ELEV. 717.50  
 717.99  
 718.70  
 719.60  
 720.31  
 720.75  
 721.03  
 721.14  
 721.17  
 721.44  
 722.08  
 131+00 131+50 132+00 132+50 133+00 133+50 134+00 134+50 135+00 135+50 136+00 136+50

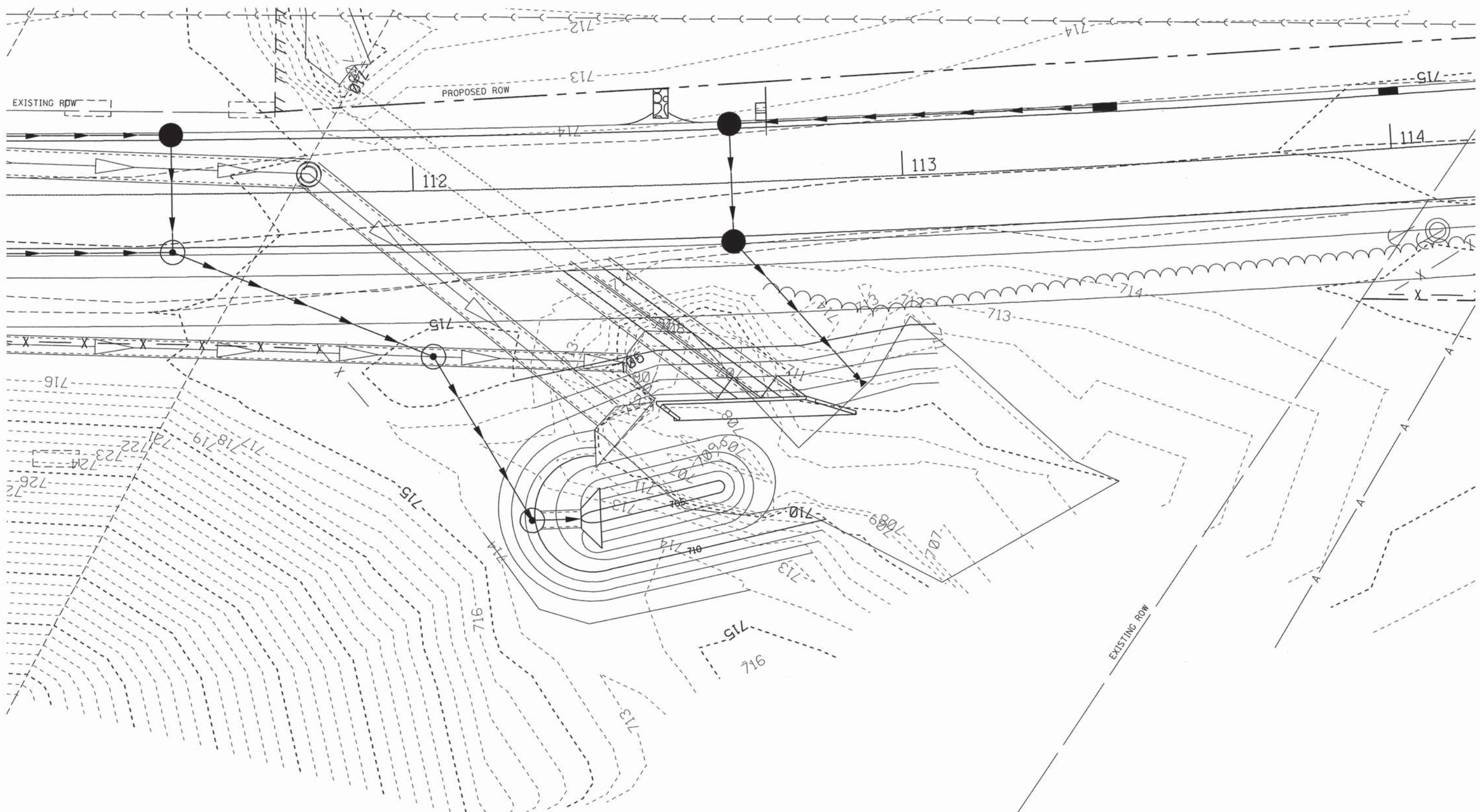
USER NAME = jk.jellman	DESIGNED - RJR	REVISED -
PLOT SCALE = 48.0000' / IN.	DRAWN - RJR	REVISED -
PLOT DATE = 7/15/2013	CHECKED - DMM	REVISED -
	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
 DRAINAGE AND UTILITY PLANS

SCALE: 1" = 20'  
 SHEET NO. OF SHEETS STA. TO STA.

F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	63
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
			CONTRACT NO. 63717	



FILE NAME = \\svr202\public\pro\0805488\08\Design\Drawings\3488\_grading\_81.dgn



**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
 5507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkjo11mon	DESIGNED - RJR	REVISED -
	DRAWN - RJR	REVISED -
PLOT SCALE = 28.0000' / IN.	CHECKED - DMM	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 GRADING PLAN**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	64
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



# PLAT OF DEDICATION

Of that part of the Southwest Quarter of Section 24, Township 42 North, Range 10 East of the Third Principal Meridian, in the City of Rolling Meadows, Cook County, Illinois, described as follows:

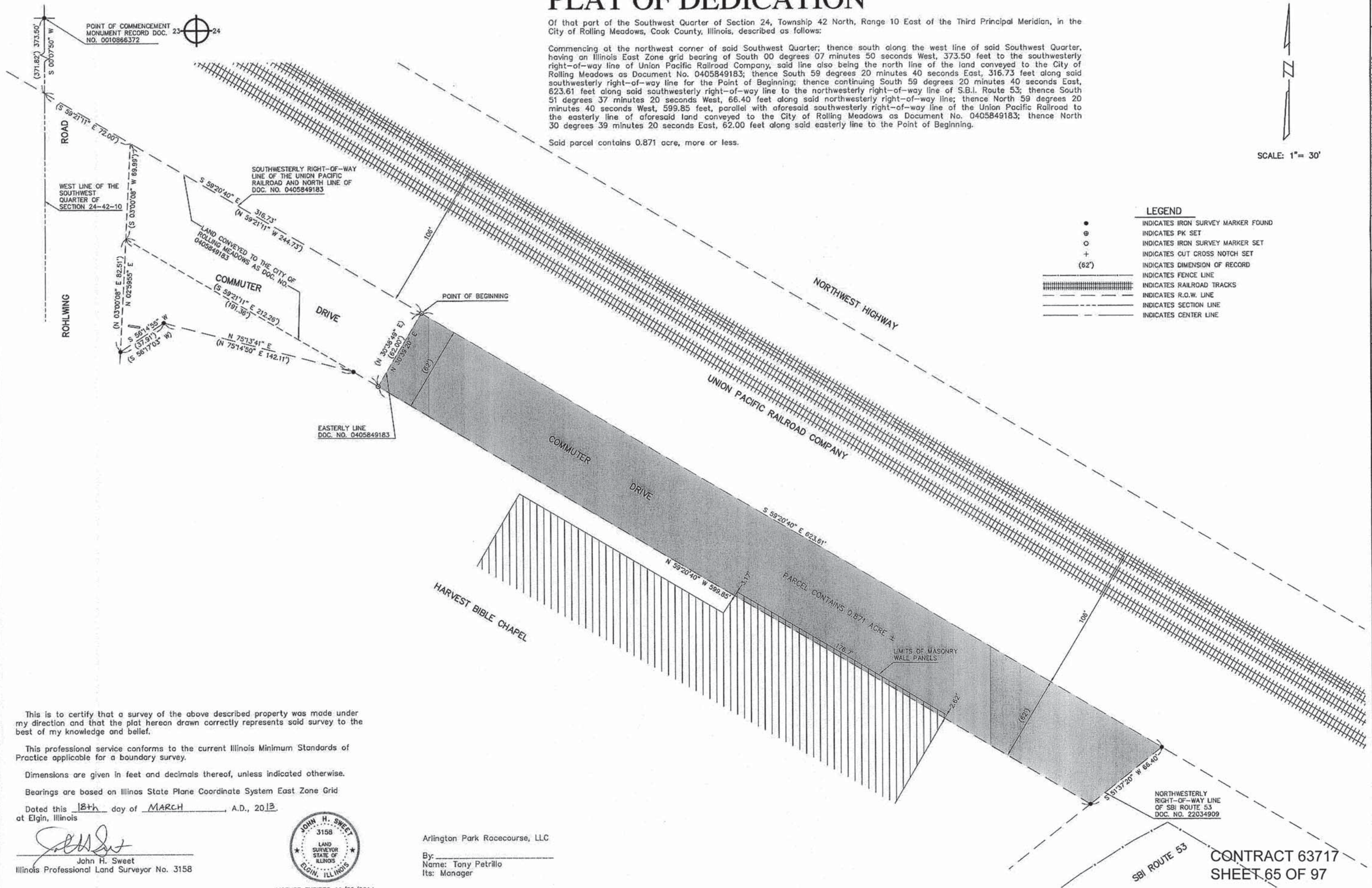
Commencing at the northwest corner of said Southwest Quarter; thence south along the west line of said Southwest Quarter, having an Illinois East Zone grid bearing of South 00 degrees 07 minutes 50 seconds West, 373.50 feet to the southwesterly right-of-way line of Union Pacific Railroad Company, said line also being the north line of the land conveyed to the City of Rolling Meadows as Document No. 0405849183; thence South 59 degrees 20 minutes 40 seconds East, 316.73 feet along said southwesterly right-of-way line to the Point of Beginning; thence continuing South 59 degrees 20 minutes 40 seconds East, 623.61 feet along said southwesterly right-of-way line to the northwesterly right-of-way line of S.B.I. Route 53; thence South 51 degrees 37 minutes 20 seconds West, 599.85 feet, parallel with aforesaid southwesterly right-of-way line of the Union Pacific Railroad to the easterly line of aforesaid land conveyed to the City of Rolling Meadows as Document No. 0405849183; thence North 30 degrees 39 minutes 20 seconds East, 62.00 feet along said easterly line to the Point of Beginning.

Said parcel contains 0.871 acre, more or less.

SCALE: 1" = 30'

### LEGEND

- INDICATES IRON SURVEY MARKER FOUND
- ⊙ INDICATES PK SET
- INDICATES IRON SURVEY MARKER SET
- +
- (62')
- INDICATES DIMENSION OF RECORD
- INDICATES FENCE LINE
- INDICATES RAILROAD TRACKS
- INDICATES R.O.W. LINE
- INDICATES SECTION LINE
- INDICATES CENTER LINE



This is to certify that a survey of the above described property was made under my direction and that the plat hereon drawn correctly represents said survey to the best of my knowledge and belief.

This professional service conforms to the current Illinois Minimum Standards of Practice applicable for a boundary survey.

Dimensions are given in feet and decimals thereof, unless indicated otherwise.

Bearings are based on Illinois State Plane Coordinate System East Zone Grid

Dated this 18th day of MARCH, A.D., 2013 at Elgin, Illinois

*John H. Sweet*  
 John H. Sweet  
 Illinois Professional Land Surveyor No. 3158



LICENSE EXPIRES 11/30/2014

Arlington Park Racecourse, LLC

By: \_\_\_\_\_  
 Name: Tony Petrillo  
 Its: Manager

SHEET NO. 1 OF 1

**HAMPTON, LENZINI AND RENWICK, INC.**  
 CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS  
**HLR**  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60120  
 847.697.6700 www.hlrengineering.com  
 ILL. 0000593  
 PROFESSIONAL DESIGN, ERM & STRUCTURAL ENGINEERING CORP.

PREPARED FOR:  
 Arlington International  
 Racecourse, Inc. &  
 The City of Rolling  
 Meadows

REVISIONS:  
 8-17-2011  
 3-18-2013

JOB NO.: 11.0168.230  
 PROJECT: 110168  
 FILE: 110168-topo.dwg  
 SURVEY DATE: 4-25-2011

PLAT OF DEDICATION  
 Of that part of Arlington International Racecourse, Inc. Located in the Southwest Quarter of Section 24, Township 42 North, Range 10 East of the 3rd P.M. in the city of Rolling Meadows, Cook County, Ill

**CONTRACT 63717**  
**SHEET 65 OF 97**

# PLAT OF VACATION

## VACATION PARCEL:

That part of the Southwest Quarter and the Southwest Quarter of the Southeast Quarter of Section 24, Township 42 North, Range 10 East of the Third Principal Meridian, in the Village of Arlington Heights, Cook County, Illinois, described as follows:

Commencing at the southeast corner of said Southwest Quarter of Section 24; thence north along the east line of said Southwest Quarter, having an Illinois East Zone grid bearing of North 00 degrees 10 minutes 10 seconds East, 614.07 feet to the southwesterly right-of-way line of the land conveyed to the Village of Arlington Heights March 2, 1978, by Document No. 24348059, for the Point of Beginning; thence North 59 degrees 20 minutes 40 seconds West, 1,650.56 feet along said southwesterly right-of-way line to the southeasterly right-of-way line of S.B.I. Route 53; thence North 63 degrees 43 minutes 22 seconds East, 29.83 feet along said southeasterly right-of-way line; thence South 59 degrees 20 minutes 40 seconds East, 1776.79 feet; thence South 30 degrees 39 minutes 20 seconds West, 15.00 feet; thence South 59 degrees 20 minutes 40 seconds East, 60.00 feet to the easterly right-of-way line of aforesaid Document No. 24348059; thence South 30 degrees 39 minutes 20 seconds West, 20.00 feet along said easterly right-of-way line to the south corner thereof; thence North 59 degrees 20 minutes 40 seconds West, 80.00 feet along aforesaid southwesterly right-of-way line of Document No. 24348059; thence North 54 degrees 40 minutes 41 seconds West, 122.92 feet along said southwesterly right-of-way line to the Point of Beginning.

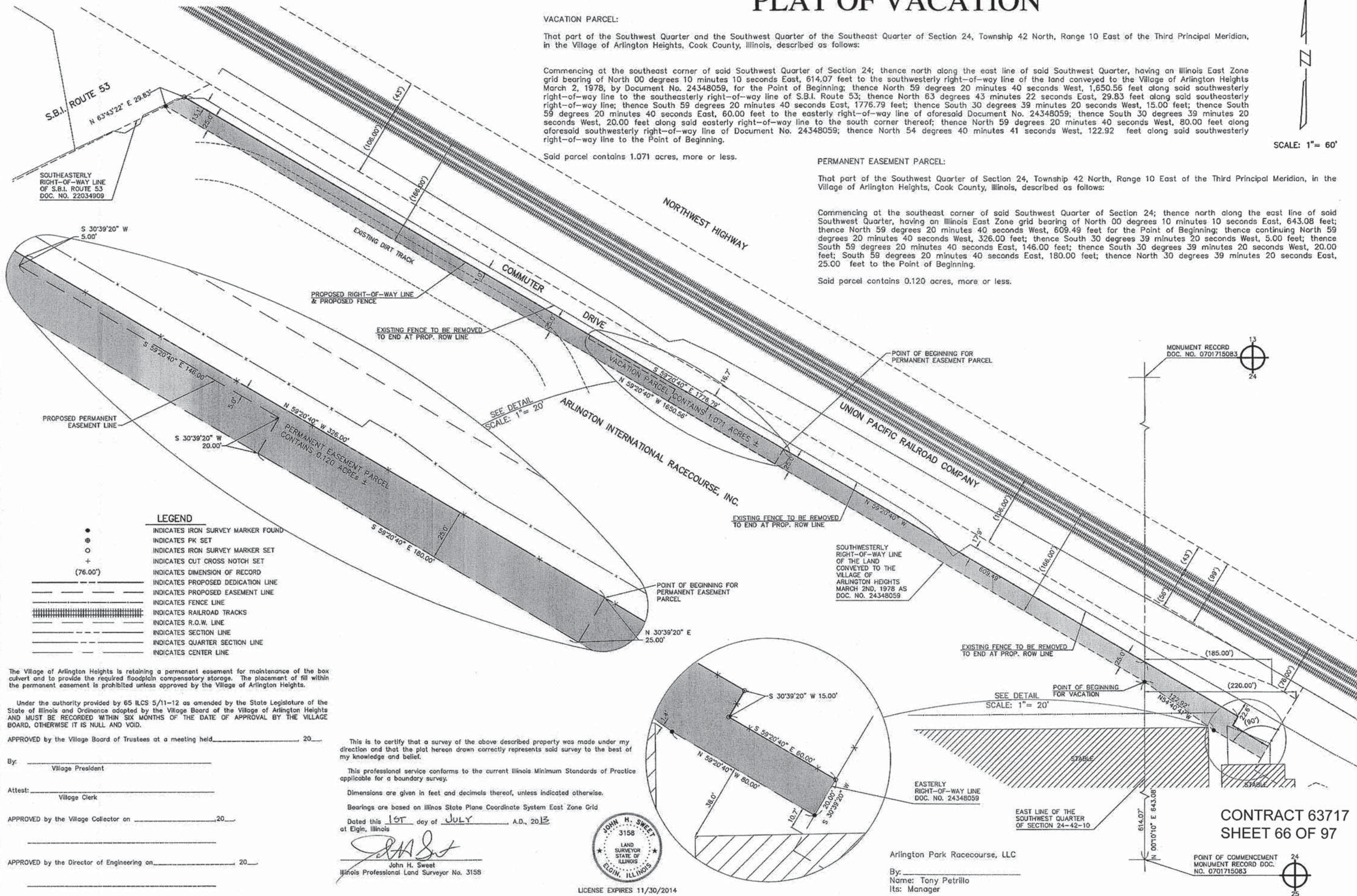
Said parcel contains 1.071 acres, more or less.

## PERMANENT EASEMENT PARCEL:

That part of the Southwest Quarter of Section 24, Township 42 North, Range 10 East of the Third Principal Meridian, in the Village of Arlington Heights, Cook County, Illinois, described as follows:

Commencing at the southeast corner of said Southwest Quarter of Section 24; thence north along the east line of said Southwest Quarter, having an Illinois East Zone grid bearing of North 00 degrees 10 minutes 10 seconds East, 643.08 feet; thence North 59 degrees 20 minutes 40 seconds West, 609.49 feet for the Point of Beginning; thence continuing North 59 degrees 20 minutes 40 seconds West, 326.00 feet; thence South 30 degrees 39 minutes 20 seconds West, 5.00 feet; thence South 59 degrees 20 minutes 40 seconds East, 146.00 feet; thence South 30 degrees 39 minutes 20 seconds West, 20.00 feet; South 59 degrees 20 minutes 40 seconds East, 180.00 feet; thence North 30 degrees 39 minutes 20 seconds East, 25.00 feet to the Point of Beginning.

Said parcel contains 0.120 acres, more or less.



SCALE: 1" = 60'

SEE DETAIL  
SCALE: 1" = 20'

SEE DETAIL  
SCALE: 1" = 20'

- LEGEND**
- INDICATES IRON SURVEY MARKER FOUND
  - ⊙ INDICATES PK SET
  - ⊕ INDICATES IRON SURVEY MARKER SET
  - + INDICATES CUT CROSS NOTCH SET
  - (76.00') INDICATES DIMENSION OF RECORD
  - INDICATES PROPOSED DEDICATION LINE
  - - - INDICATES PROPOSED EASEMENT LINE
  - ||||| INDICATES FENCE LINE
  - ||||| INDICATES RAILROAD TRACKS
  - INDICATES R.O.W. LINE
  - INDICATES SECTION LINE
  - INDICATES QUARTER SECTION LINE
  - INDICATES CENTER LINE

The Village of Arlington Heights is retaining a permanent easement for maintenance of the box culvert and to provide the required floodplain compensatory storage. The placement of fill within the permanent easement is prohibited unless approved by the Village of Arlington Heights.

Under the authority provided by 65 ILCS 5/11-12 as amended by the State Legislature of the State of Illinois and Ordinances adopted by the Village Board of the Village of Arlington Heights AND MUST BE RECORDED WITHIN SIX MONTHS OF THE DATE OF APPROVAL BY THE VILLAGE BOARD, OTHERWISE IT IS NULL AND VOID.

APPROVED by the Village Board of Trustees at a meeting held \_\_\_\_\_ 20\_\_

By: \_\_\_\_\_  
Village President

Attest: \_\_\_\_\_  
Village Clerk

APPROVED by the Village Collector on \_\_\_\_\_ 20\_\_

APPROVED by the Director of Engineering on \_\_\_\_\_ 20\_\_

This is to certify that a survey of the above described property was made under my direction and that the plat hereon drawn correctly represents said survey to the best of my knowledge and belief.

This professional service conforms to the current Illinois Minimum Standards of Practice applicable for a boundary survey.

Dimensions are given in feet and decimals thereof, unless indicated otherwise.

Bearings are based on Illinois State Plane Coordinate System East Zone Grid

Dated this 16<sup>th</sup> day of JULY, A.D., 2013  
at Elgin, Illinois

*John H. Sweet*  
John H. Sweet  
Illinois Professional Land Surveyor No. 3158



Arlington Park Racecourse, LLC

By: \_\_\_\_\_  
Name: Tony Petrillo  
Its: Manager

CONTRACT 63717  
SHEET 66 OF 97

POINT OF COMMENCEMENT  
MONUMENT RECORD DOC. NO. 0701715083

SHEET NO. 1 OF 1

HAMPTON, LENZINI AND RENWICK, INC.  
CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS  
380 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
847.687.8700 www.hirengineering.com

PROFESSIONAL DESIGN FOR ARCHITECTURAL & STRUCTURAL ENGINEERING CORP.

PREPARED FOR  
Arlington International  
Racecourse, Inc. &  
The Village of Arlington  
Heights

REVISIONS:	DATE:	DESCRIPTION:
8-17-2011	9-24-2012	
9-25-2011	3-30-2012	
2-07-2012	3-30-2012	
7-01-2013	5-01-2012	
	3-18-2013	

JOB NO.: 11.0168.230  
PROJECT: 110168  
FILE: 110168-lapo.dwg  
SURVEY DATE: 4-25-2011

PLAT OF VACATION  
Of That part of the Land Conveyed to The Village of Arlington Heights  
April 20th, 1972 as Doc. No. 24348059

# PLAT OF DEDICATION

Of that part of the Southwest Quarter of the Southeast Quarter of Section 24, Township 42 North, Range 10 East of the Third Principal Meridian in the Village of Arlington Heights, Cook County, Illinois, described as follows:

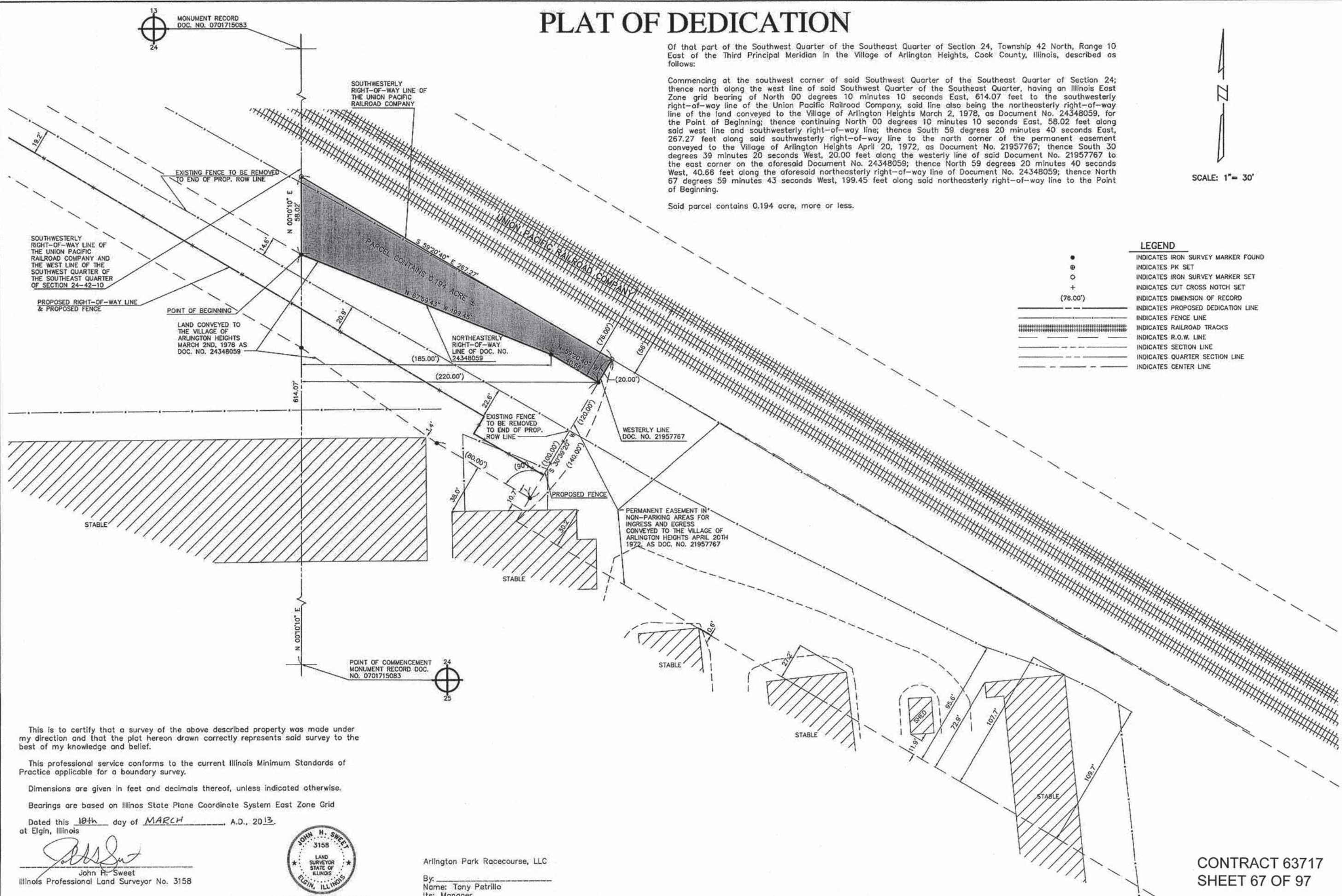
Commencing at the southwest corner of said Southwest Quarter of the Southeast Quarter of Section 24; thence north along the west line of said Southwest Quarter of the Southeast Quarter, having an Illinois East Zone grid bearing of North 00 degrees 10 minutes 10 seconds East, 614.07 feet to the southwesterly right-of-way line of the Union Pacific Railroad Company, said line also being the northeasterly right-of-way line of the land conveyed to the Village of Arlington Heights March 2, 1978, as Document No. 24348059, for the Point of Beginning; thence continuing North 00 degrees 10 minutes 10 seconds East, 58.02 feet along said west line and southwesterly right-of-way line; thence South 59 degrees 20 minutes 40 seconds East, 267.27 feet along said southwesterly right-of-way line to the north corner of the permanent easement conveyed to the Village of Arlington Heights April 20, 1972, as Document No. 21957767; thence South 30 degrees 39 minutes 20 seconds West, 20.00 feet along the westerly line of said Document No. 21957767 to the east corner on the aforesaid Document No. 24348059; thence North 59 degrees 20 minutes 40 seconds West, 40.66 feet along the aforesaid northeasterly right-of-way line of Document No. 24348059; thence North 67 degrees 59 minutes 43 seconds West, 199.45 feet along said northeasterly right-of-way line to the Point of Beginning.

Said parcel contains 0.194 acre, more or less.

SCALE: 1" = 30'

### LEGEND

- INDICATES IRON SURVEY MARKER FOUND
- ⊙ INDICATES PK SET
- INDICATES IRON SURVEY MARKER SET
- + INDICATES CUT CROSS NOTCH SET
- (76.00') INDICATES DIMENSION OF RECORD
- INDICATES PROPOSED DEDICATION LINE
- INDICATES FENCE LINE
- INDICATES RAILROAD TRACKS
- INDICATES R.O.W. LINE
- INDICATES SECTION LINE
- INDICATES QUARTER SECTION LINE
- INDICATES CENTER LINE



This is to certify that a survey of the above described property was made under my direction and that the plat hereon drawn correctly represents said survey to the best of my knowledge and belief.

This professional service conforms to the current Illinois Minimum Standards of Practice applicable for a boundary survey.

Dimensions are given in feet and decimals thereof, unless indicated otherwise.

Bearings are based on Illinois State Plane Coordinate System East Zone Grid

Dated this 10th day of MARCH, A.D., 2013, at Elgin, Illinois

*John H. Sweet*  
 John H. Sweet  
 Illinois Professional Land Surveyor No. 3158



Arlington Park Racecourse, LLC  
 By: \_\_\_\_\_  
 Name: Tony Petrillo  
 Its: Manager

CONTRACT 63717  
 SHEET 67 OF 97

HAMPTON, LENZINI AND RENWICK, INC.  
 CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 847.697.6700 www.hamlenren.com  
 PROFESSIONAL DESIGN FIRM & STRUCTURAL ENGINEERING CORP.

SHEET NO. 1 of 1

PREPARED FOR: Arlington International Racecourse, Inc. & The Village of Arlington Heights

JOB NO.: 11.0168.230  
 PROJECT: 110168  
 FILE: 110168-ppp.dwg  
 SURVEY DATE: 4-25-2011

REVISIONS:  
 8-17-2011 3-16-2013  
 5-01-2012  
 9-24-2012

PLAT OF DEDICATION  
 Of That part of Arlington International Racecourse, Inc. Located in the Southwest Quarter of the Southeast Quarter of Section 24, Township 42 North, Range 10 East of the 3rd P.M. in the Village of Arlington Heights, Cook County, Il.

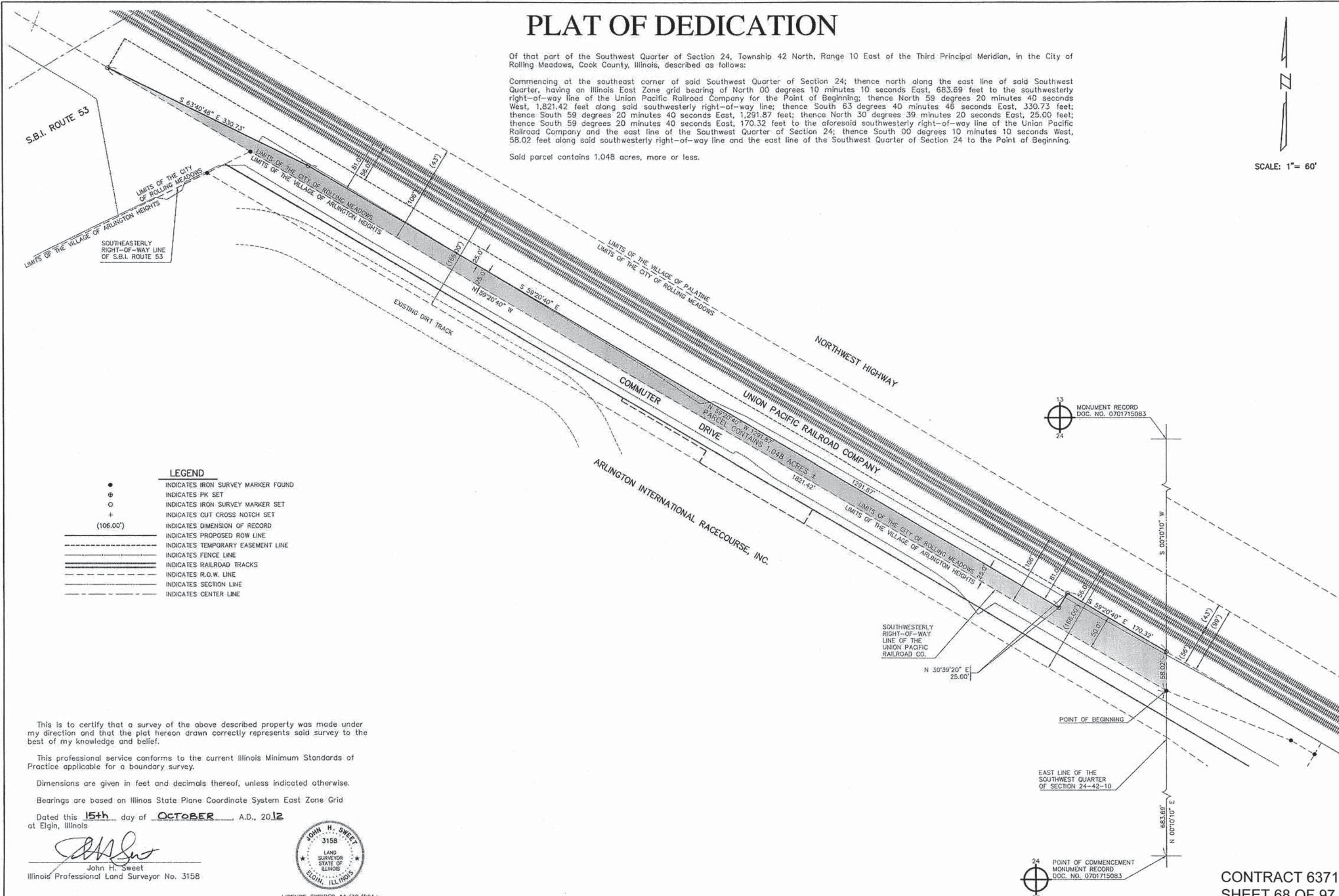
# PLAT OF DEDICATION

Of that part of the Southwest Quarter of Section 24, Township 42 North, Range 10 East of the Third Principal Meridian, in the City of Rolling Meadows, Cook County, Illinois, described as follows:

Commencing at the southeast corner of said Southwest Quarter of Section 24; thence north along the east line of said Southwest Quarter, having an Illinois East Zone grid bearing of North 00 degrees 10 minutes 10 seconds East, 683.69 feet to the southwesterly right-of-way line of the Union Pacific Railroad Company for the Point of Beginning; thence North 59 degrees 20 minutes 40 seconds West, 1,821.42 feet along said southwesterly right-of-way line; thence South 63 degrees 40 minutes 46 seconds East, 330.73 feet; thence South 59 degrees 20 minutes 40 seconds East, 1,291.87 feet; thence North 30 degrees 39 minutes 20 seconds East, 25.00 feet; thence South 59 degrees 20 minutes 40 seconds East, 170.32 feet to the aforesaid southwesterly right-of-way line of the Union Pacific Railroad Company and the east line of the Southwest Quarter of Section 24; thence South 00 degrees 10 minutes 10 seconds West, 58.02 feet along said southwesterly right-of-way line and the east line of the Southwest Quarter of Section 24 to the Point of Beginning.

Said parcel contains 1.048 acres, more or less.

SCALE: 1" = 60'



### LEGEND

- INDICATES IRON SURVEY MARKER FOUND
- ⊙ INDICATES PK SET
- INDICATES IRON SURVEY MARKER SET
- + INDICATES CUT CROSS NOTCH SET
- (106.00') INDICATES DIMENSION OF RECORD
- INDICATES PROPOSED ROW LINE
- - - - - INDICATES TEMPORARY EASEMENT LINE
- ==== INDICATES FENCE LINE
- ==== INDICATES RAILROAD TRACKS
- INDICATES R.O.W. LINE
- INDICATES SECTION LINE
- INDICATES CENTER LINE

This is to certify that a survey of the above described property was made under my direction and that the plat hereon drawn correctly represents said survey to the best of my knowledge and belief.

This professional service conforms to the current Illinois Minimum Standards of Practice applicable for a boundary survey.

Dimensions are given in feet and decimals thereof, unless indicated otherwise.

Bearings are based on Illinois State Plane Coordinate System East Zone Grid

Dated this 15th day of OCTOBER, A.D., 2012 at Elgin, Illinois

*John H. Sweet*  
John H. Sweet  
Illinois Professional Land Surveyor No. 3158



LICENSE EXPIRES 11/30/2014

SHEET NO. 1 OF 1

HAMPSON, LENZINI AND RENWICK, INC.  
CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS  
380 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
847.897.6700 www.hirengineering.com

PREPARED FOR  
Union Pacific Railroad Co.,  
The Village of Arlington  
Heights, and The City of  
Rolling Meadows

REVISIONS:  
3-30-2012  
5-01-2012

JOB NO.: 11.0168.230  
PROJECT: 110168  
FILE: 110168-topo.dwg  
SURVEY DATE: 4-25-2011

PLAT OF DEDICATION  
Of that part of the Union Pacific Railroad Company Located in the  
Southwest Quarter of Section 24, Township 42 North, Range 10 East  
of the Third Principal Meridian in the City of Rolling Meadows,  
Cook County, Illinois

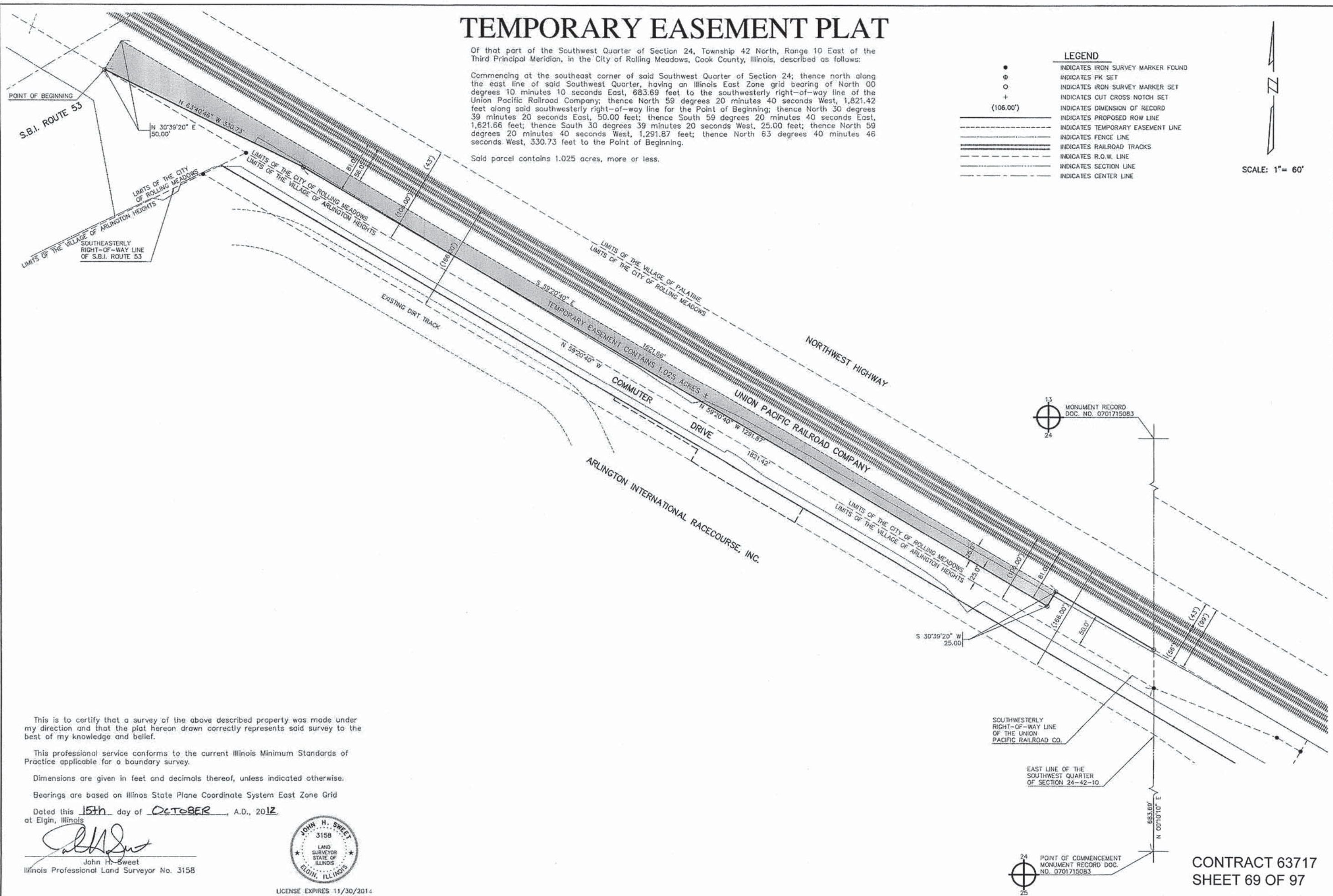
CONTRACT 63717  
SHEET 68 OF 97

# TEMPORARY EASEMENT PLAT

Of that part of the Southwest Quarter of Section 24, Township 42 North, Range 10 East of the Third Principal Meridian, in the City of Rolling Meadows, Cook County, Illinois, described as follows:

Commencing at the southeast corner of said Southwest Quarter of Section 24; thence north along the east line of said Southwest Quarter, having an Illinois East Zone grid bearing of North 00 degrees 10 minutes 10 seconds East, 683.69 feet to the southwesterly right-of-way line of the Union Pacific Railroad Company; thence North 59 degrees 20 minutes 40 seconds West, 1,821.42 feet along said southwesterly right-of-way line for the Point of Beginning; thence North 30 degrees 39 minutes 20 seconds East, 50.00 feet; thence South 59 degrees 20 minutes 40 seconds East, 1,621.66 feet; thence South 30 degrees 39 minutes 20 seconds West, 25.00 feet; thence North 59 degrees 20 minutes 40 seconds West, 1,291.87 feet; thence North 63 degrees 40 minutes 46 seconds West, 330.73 feet to the Point of Beginning.

Said parcel contains 1.025 acres, more or less.



**LEGEND**

- INDICATES IRON SURVEY MARKER FOUND
- ⊙ INDICATES PK SET
- INDICATES IRON SURVEY MARKER SET
- + INDICATES CUT CROSS NOTCH SET
- (106.00') INDICATES DIMENSION OF RECORD
- INDICATES PROPOSED ROW LINE
- - - - - INDICATES TEMPORARY EASEMENT LINE
- ==== INDICATES FENCE LINE
- ==== INDICATES RAILROAD TRACKS
- INDICATES R.O.W. LINE
- - - - - INDICATES SECTION LINE
- INDICATES CENTER LINE

SCALE: 1" = 60'



MONUMENT RECORD  
DOC. NO. 0701715083

POINT OF COMMENCEMENT  
MONUMENT RECORD DOC.  
NO. 0701715083

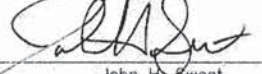
This is to certify that a survey of the above described property was made under my direction and that the plat hereon drawn correctly represents said survey to the best of my knowledge and belief.

This professional service conforms to the current Illinois Minimum Standards of Practice applicable for a boundary survey.

Dimensions are given in feet and decimals thereof, unless indicated otherwise.

Bearings are based on Illinois State Plane Coordinate System East Zone Grid

Dated this 15th day of OCTOBER, A.D., 2012  
at Elgin, Illinois

  
John H. Sweet  
Illinois Professional Land Surveyor No. 3158



LICENSE EXPIRES 11/30/2014

SHEET NO. 1 of 1

**HAMPTON, LENZINI AND RENWICK, INC.**  
CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS  
350 SHEPARD DRIVE  
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647.897.6700 www.hlrengineering.com

PREPARED FOR:  
Union Pacific Railroad Co.,  
The Village of Arlington  
Heights, and The City of  
Rolling Meadows

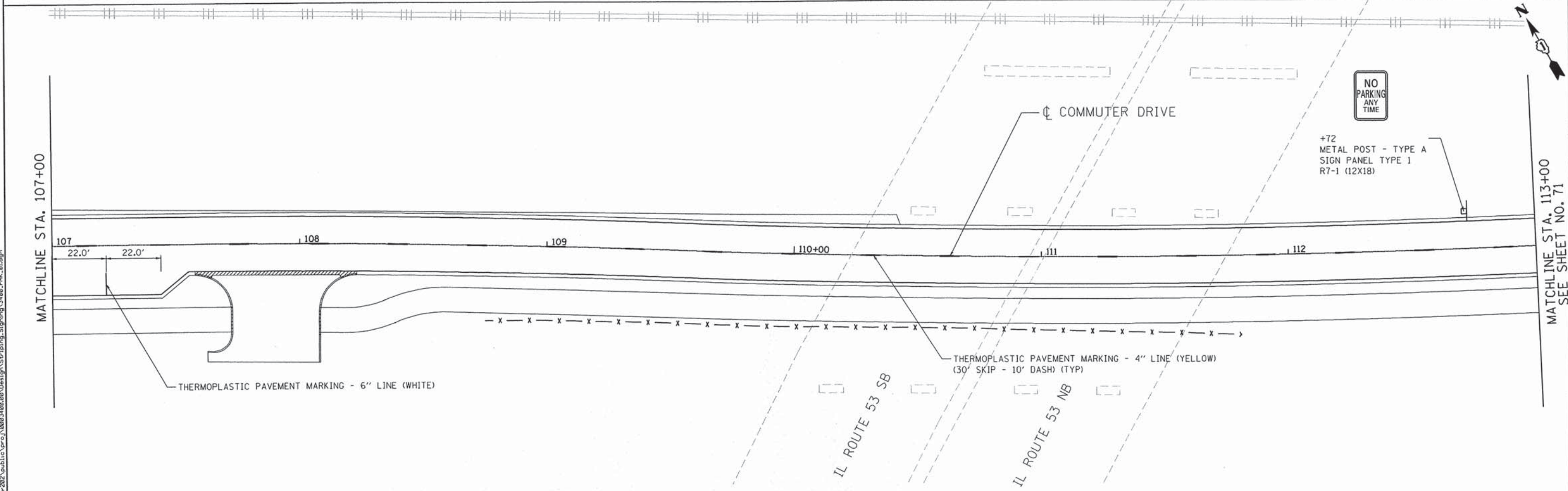
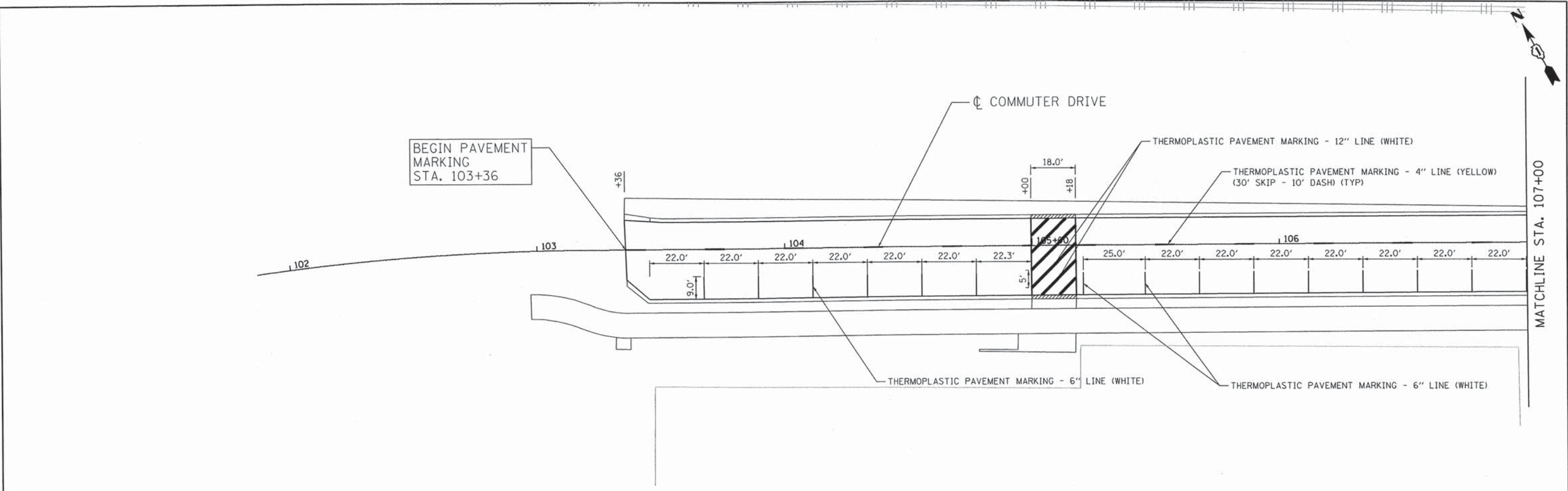
REVISIONS:  
3-30-2012  
5-01-2012

JOB NO.: 11.0168.230  
PROJECT: 110168  
FILE: 110168-topo.dwg  
SURVEY DATE: 4-25-2011

**TEMPORARY EASEMENT PLAT**  
Of that part of the Union Pacific Railroad Company, Located in the Southwest Quarter of Section 24, Township 42 North, Range 10 East of the Third Principal Meridian in the City of Rolling Meadows, Cook County, Illinois

**CONTRACT 63717**  
**SHEET 69 OF 97**

FILE NAME = \\svr202\public\pro\10023488\08\Design\Striping\_Signing\3488\_PMC.dwg



**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
 5507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

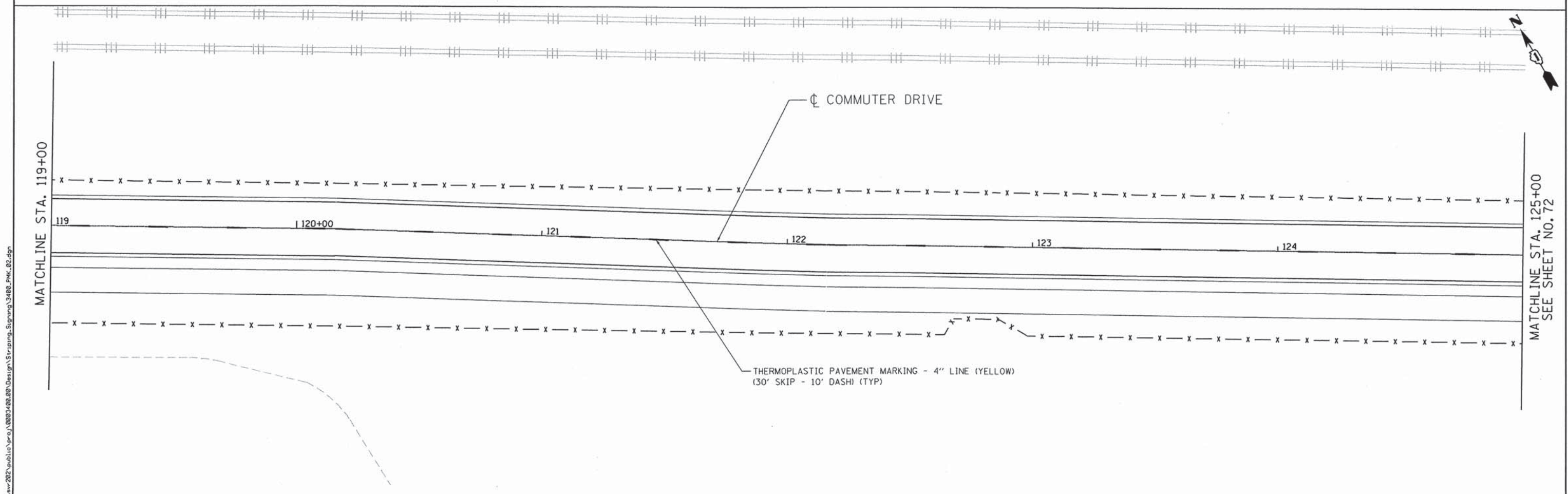
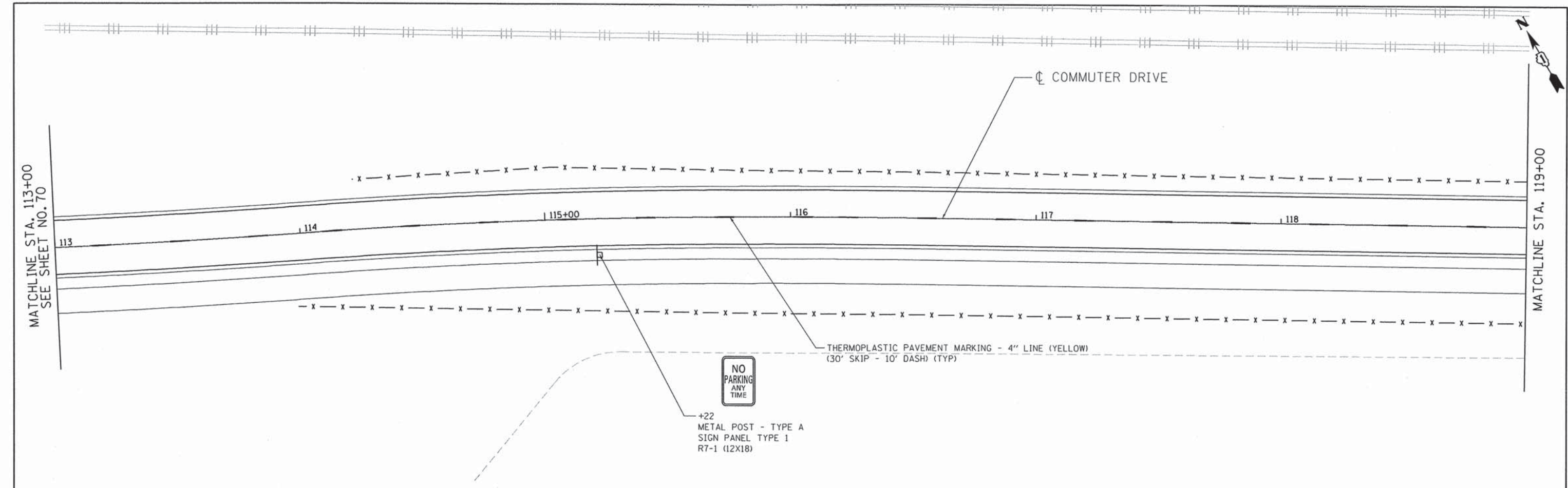
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DRAWN - JMK	REVISOR -	REVISIONS -
CHECKED - MJL	DATE - AUGUST 2012	REVISED -
PLOT SCALE = 40.0000' / IN.	DATE - 7/15/2013	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
 PAVEMENT MARKING AND SIGNING PLANS**

SCALE: 1" = 20'    SHEET NO.    OF    SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	70
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



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 CONSULTING ENGINEERS  
 5507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

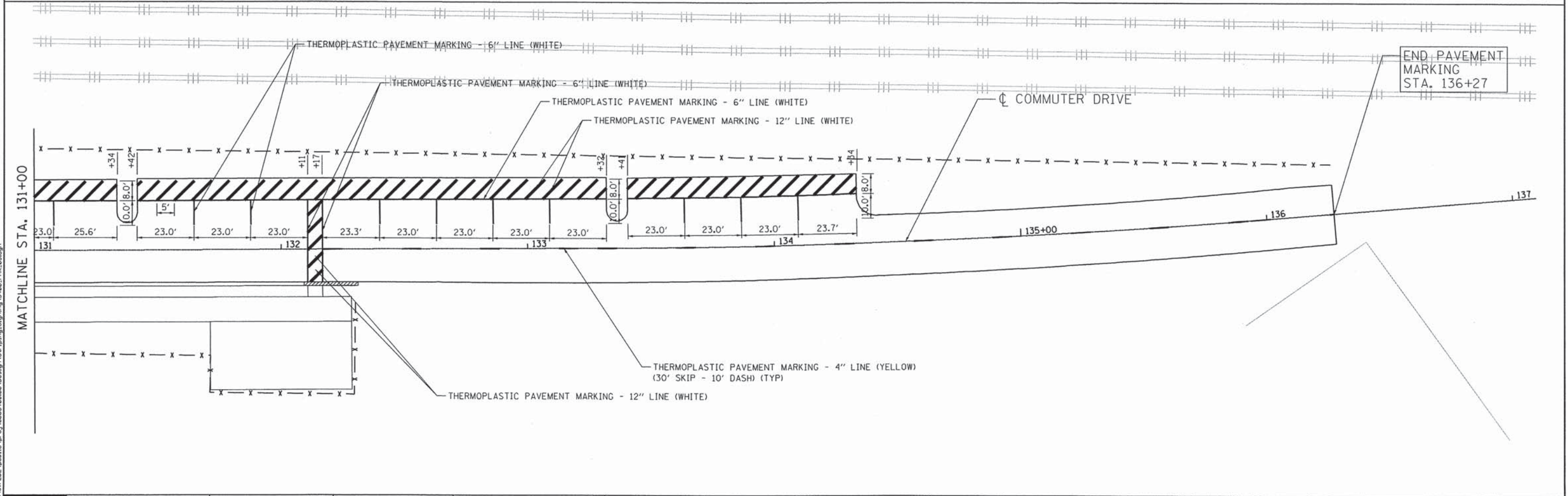
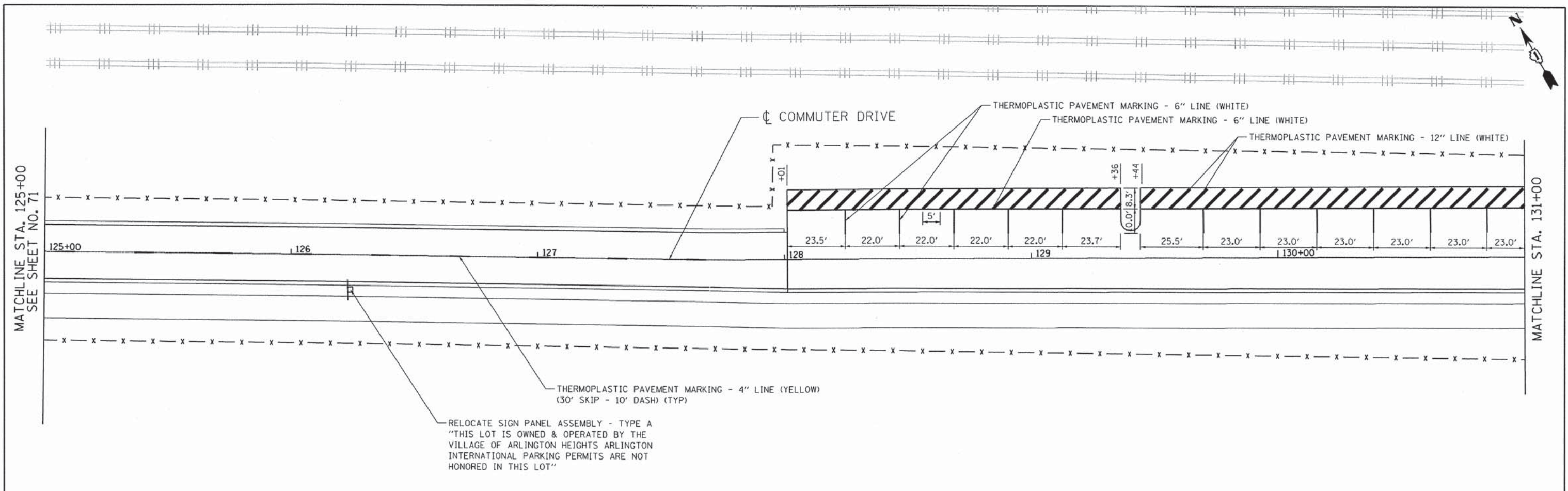
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PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
PAVEMENT MARKING AND SIGNING PLANS**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	71
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



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**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
 5507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkwellman	DESIGNED - JMK	REVISED -
PLOT SCALE = 40.0000' / IN.	DRAWN - JMK	REVISED -
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	DATE - AUGUST 2012	REVISED -



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

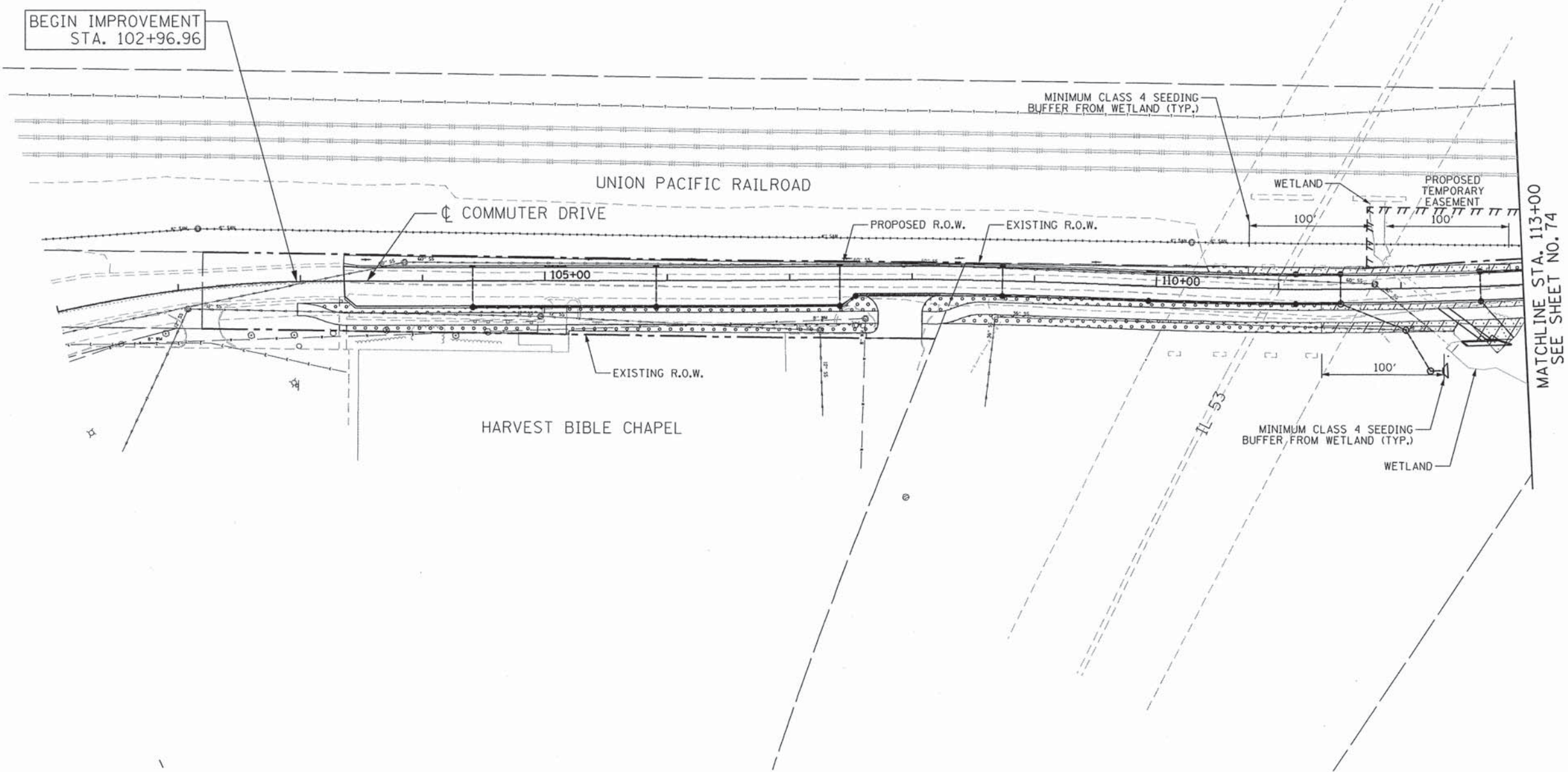
**COMMUTER DRIVE IMPROVEMENTS**  
**PAVEMENT MARKING AND SIGNING PLANS**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

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	08-00097-00-BT	COOK	97	72
CONTRACT NO. 63717				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND	
	SEEDING CLASS 2A EROSION CONTROL BLANKET
	SEEDING CLASS 4 TEMPORARY MULCH



FILE NAME = \\svr202\public\proj\0803400\08\Design\Eros.Landscape\3480\_Indscp\_01.dgn



**CG** Ciorba Group, Inc.  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

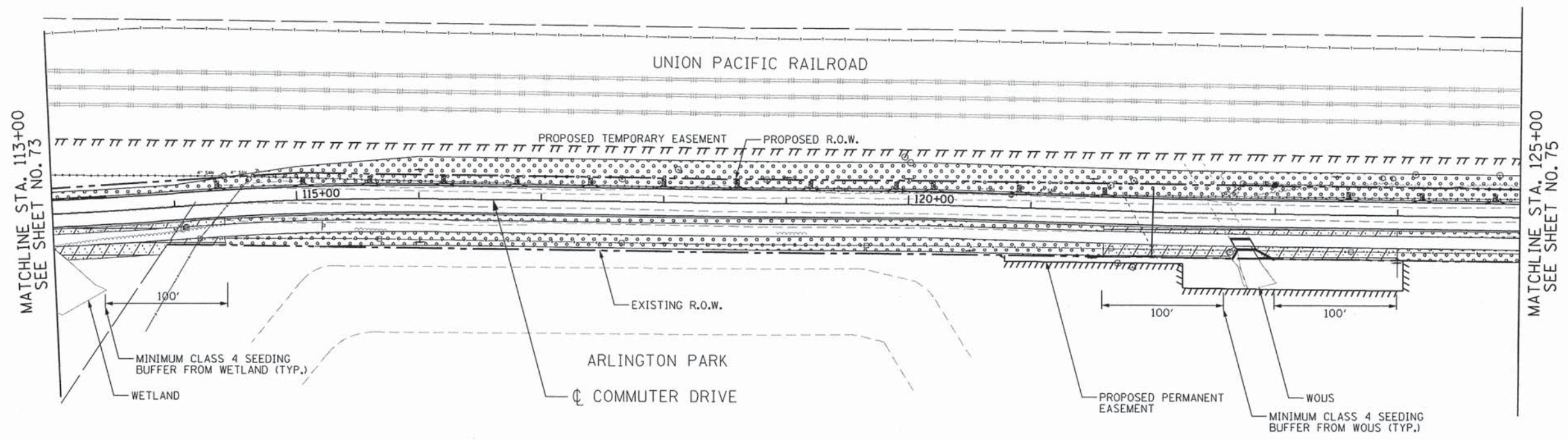
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	DRAWN - RJR	REVISED -
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PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>COMMUTER DRIVE IMPROVEMENTS LANDSCAPING PLANS</b>			
SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	73
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

LEGEND	
	SEEDING CLASS 2A EROSION CONTROL BLANKET
	SEEDING CLASS 4 TEMPORARY MULCH



FILE NAME = \\svr202\public\pro\10023408\00\Design\Eros\_Landscape\3486\_Landscape.dwg



**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
 5507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60658  
 Tel. 773.775.4009 Fax 773.775.4014

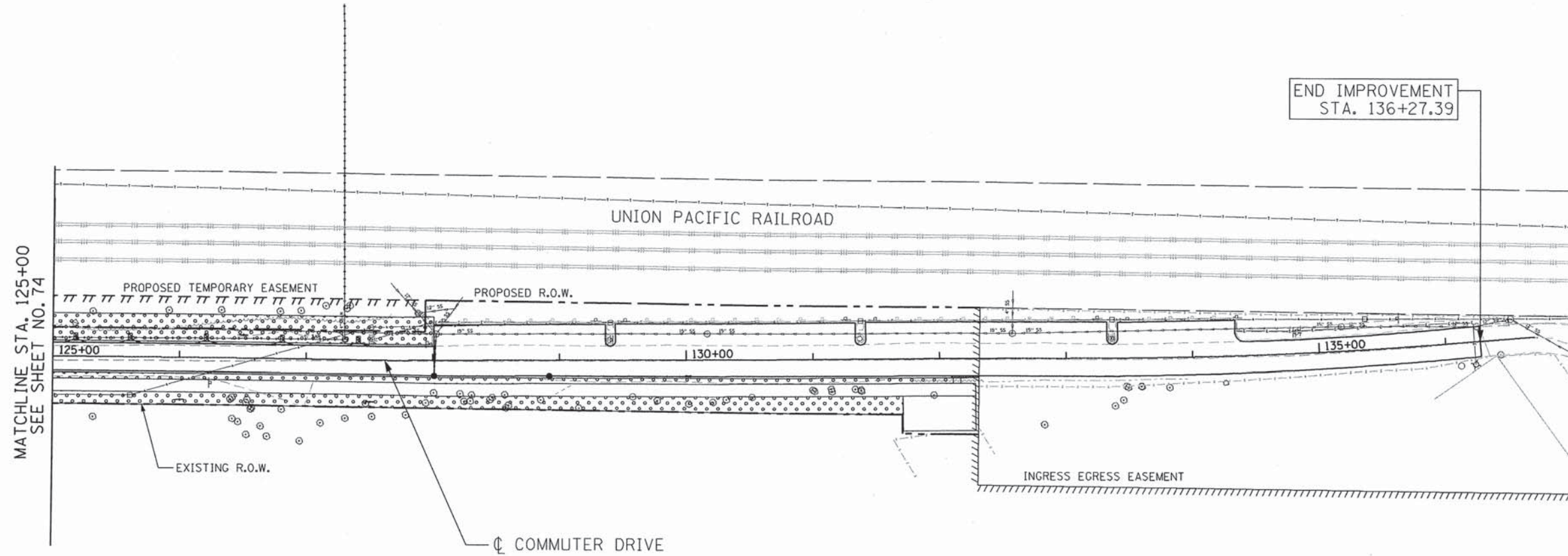
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PLOT DATE = 7/15/2013	CHECKED - DMM	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>COMMUTER DRIVE IMPROVEMENTS LANDSCAPING PLANS</b>			
SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	74
CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

LEGEND	
	SEEDING CLASS 2A EROSION CONTROL BLANKET
	SEEDING CLASS 4 TEMPORARY MULCH



MATCHLINE STA. 125+00  
SEE SHEET NO. 74

END IMPROVEMENT  
STA. 136+27.39

UNION PACIFIC RAILROAD

PROPOSED TEMPORARY EASEMENT

PROPOSED R.O.W.

125+00

130+00

135+00

EXISTING R.O.W.

INGRESS EGRESS EASEMENT

☉ COMMUTER DRIVE

FILE NAME = \\svr202\public\proj\08093480\08\Design\Eros\_Landscape\3480\_Landscape\_03.dgn



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CONSULTING ENGINEERS  
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Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk.jellman	DESIGNED - RJR	REVISED -
	DRAWN - RJR	REVISED -
PLOT SCALE = 100,0000' / IN.	CHECKED - DMM	REVISED -
PLOT DATE = 7/15/2013	DATE - AUGUST 2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUTER DRIVE IMPROVEMENTS  
LANDSCAPING PLANS

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	75
FED. ROAD DIST. NO. - ILLINDIS				CONTRACT NO. 63717
FED. AID PROJECT				

Bench Mark: Cut "X" in concrete apron at Northwest corner of Rohwing Rd. & Berdnick St. Elev. 729.04

Existing Structure: Structure built in 1971 as 10'x12' R.C. box culvert. Culvert length of 320'-0"  
Traffic to be maintained utilizing stage construction.

No salvage.

### WATERWAY INFORMATION

Drainage Area = 9.9 Sq. Mi.		Low Grade Elev. 713.39 @ Sta. 119+91							
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	444	83.64	83.64	**	-	-	710.47	710.47
Base	100	543	94.20	94.20	**	-	-	711.35	711.35
Overtopping	>500								
Max. Calc.	500	870	126.48	126.60	**	-	-	714.04	714.05

### DRAWING LIST

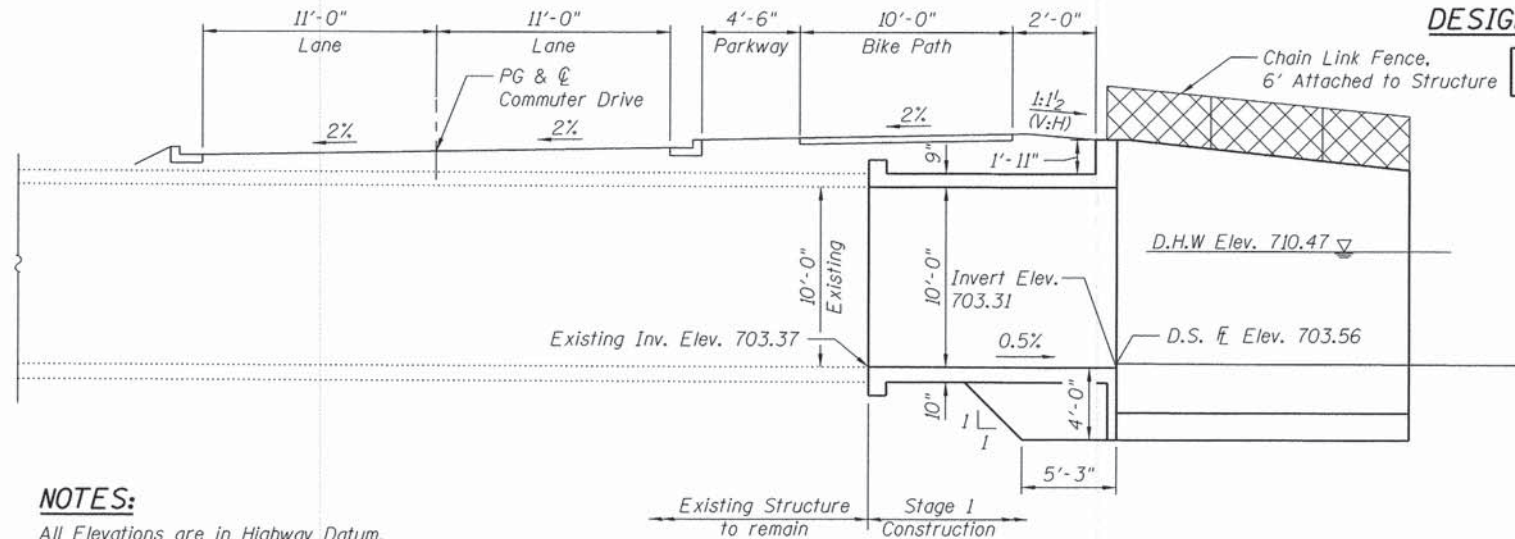
- S-1 General Plan and Elevation
- S-2 Removal and Repair Details
- S-3 Culvert Details I
- S-4 Culvert Details II
- S-5 Headwall
- S-6 Soil Borings I
- S-7 Soil Borings II

### SCOPE OF WORK

1. Remove existing wingwalls.
2. Construct down stream culvert extension with T-type wingwalls to allow for wider roadway and bike path. Provide connection to existing culvert with expansion bolts.
3. Minor formed concrete repairs on existing culvert.

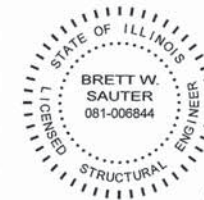
### DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Downstream
	699.31



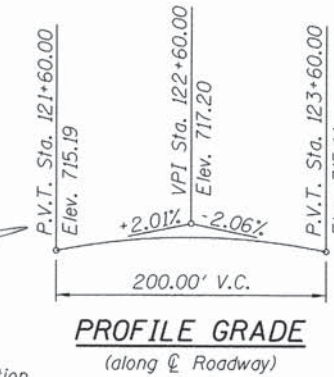
### LONGITUDINAL SECTION

Dimensions at Rt. L's to Commuter Drive



DATE: 7/15/2013  
SEAL EXPIRES: 11/30/2014

I certify that to the best of my knowledge, information and belief, this box culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.

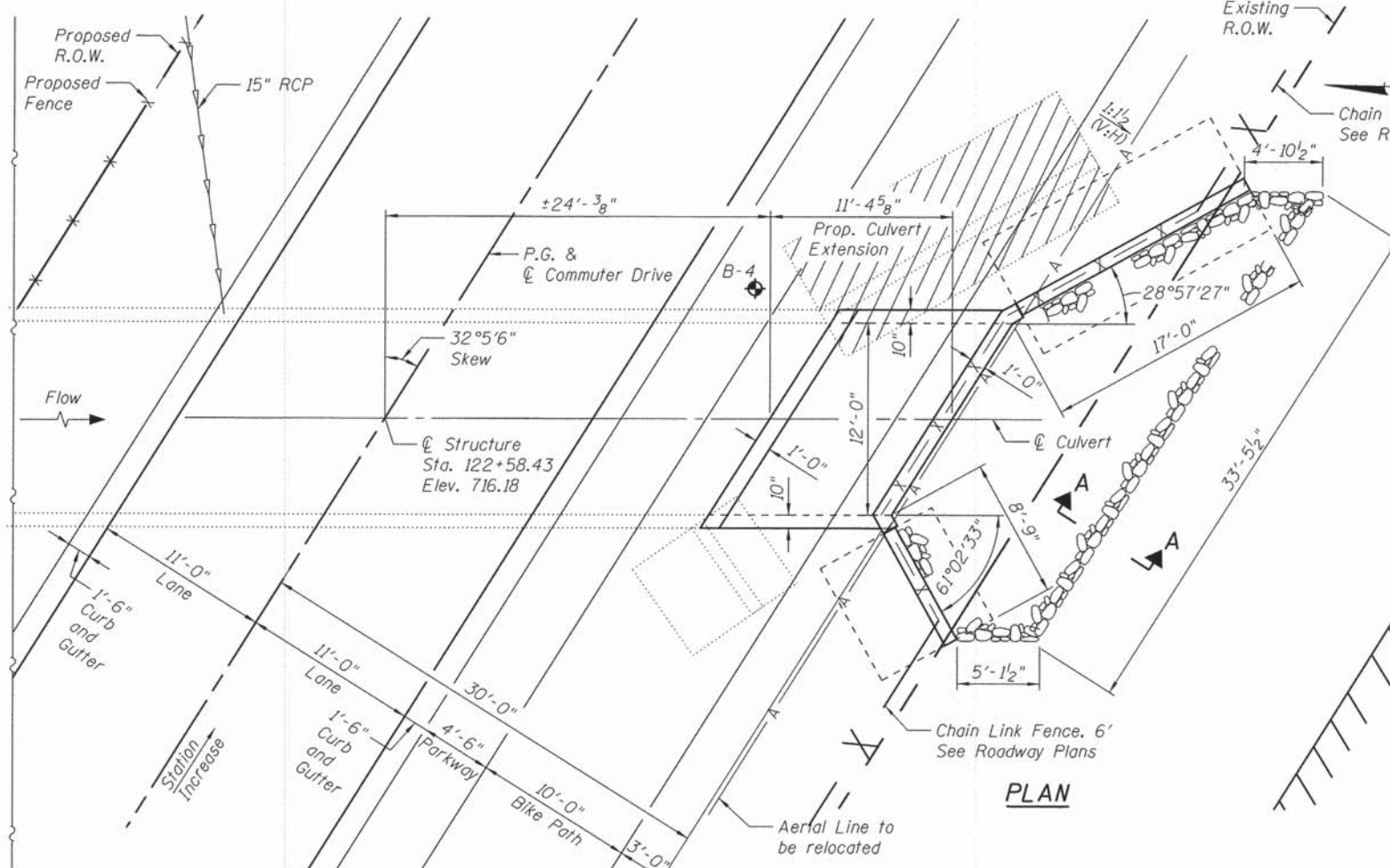


### PROFILE GRADE

(along Commuter Drive)

### NOTES:

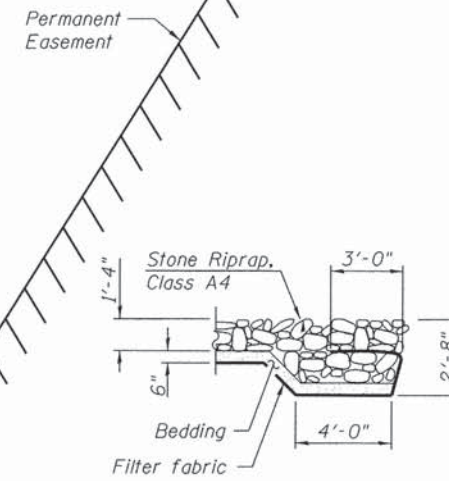
- All Elevations are in Highway Datum.
- HY-8 Model built from portion of HEC-2 Model: Arlington Heights branch upper salt creek (AHB) - CBBEL # 90-208.
- \* 10-year frequency not available from HEC-2 Model, this scenario not computed.
- \*\* Natural Conditions not available from HEC-2 Model, this scenario not computed.



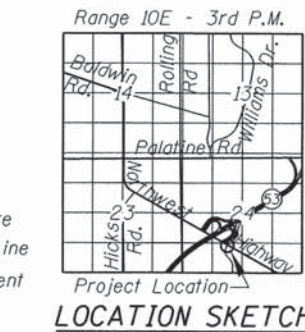
### PLAN

### LEGEND:

- Concrete Removal
- Existing R.O.W.
- Proposed R.O.W.
- Proposed Structure
- Proposed Fence Line
- Permanent Easement
- Soil Boring



### SECTION A-A



### LOCATION SKETCH

### GENERAL NOTES:

1. All exposed concrete edges shall have a 3/4" x 45° chamfer, except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
2. No construction joints except those shown on the plans will be allowed unless approved by the engineer.
3. For backfilling and embankment see Article 206 of Standard Specifications.
4. The contractor shall use care when excavating around existing foundations. Any damage to the existing structure shall be repaired or replaced at the contractor's expense.
5. It shall be the contractor's responsibility to verify the location of all utilities prior to starting construction. Contact J.U.L.I.E., 811.

### TOTAL BILL OF MATERIAL

DESCRIPTION	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	14.9
Structure Excavation	Cu. Yd.	368
Reinforcement Bars Epoxy Coated	Pound	5,930
Concrete Box Culverts	Cu. Yd.	50.4
Expansion Bolts, 3/4"	Each	32
Stone Riprap, Class A4	Sq. Yd.	36
Filter Fabric	Sq. Yd.	36
Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.	20
Rock Fill Foundation	Cu. Yd.	16
Chain Link Fence, 6' Attached to Structure	Foot	37



USER NAME = jkrellman  
DESIGNED - MHT  
CHECKED - BWS  
DRAWN - RD  
PLOT SCALE = 5.3333' / in.  
PLOT DATE = 7/15/2013

REVISÉ -  
REVISÉ -  
REVISÉ -  
REVISÉ -

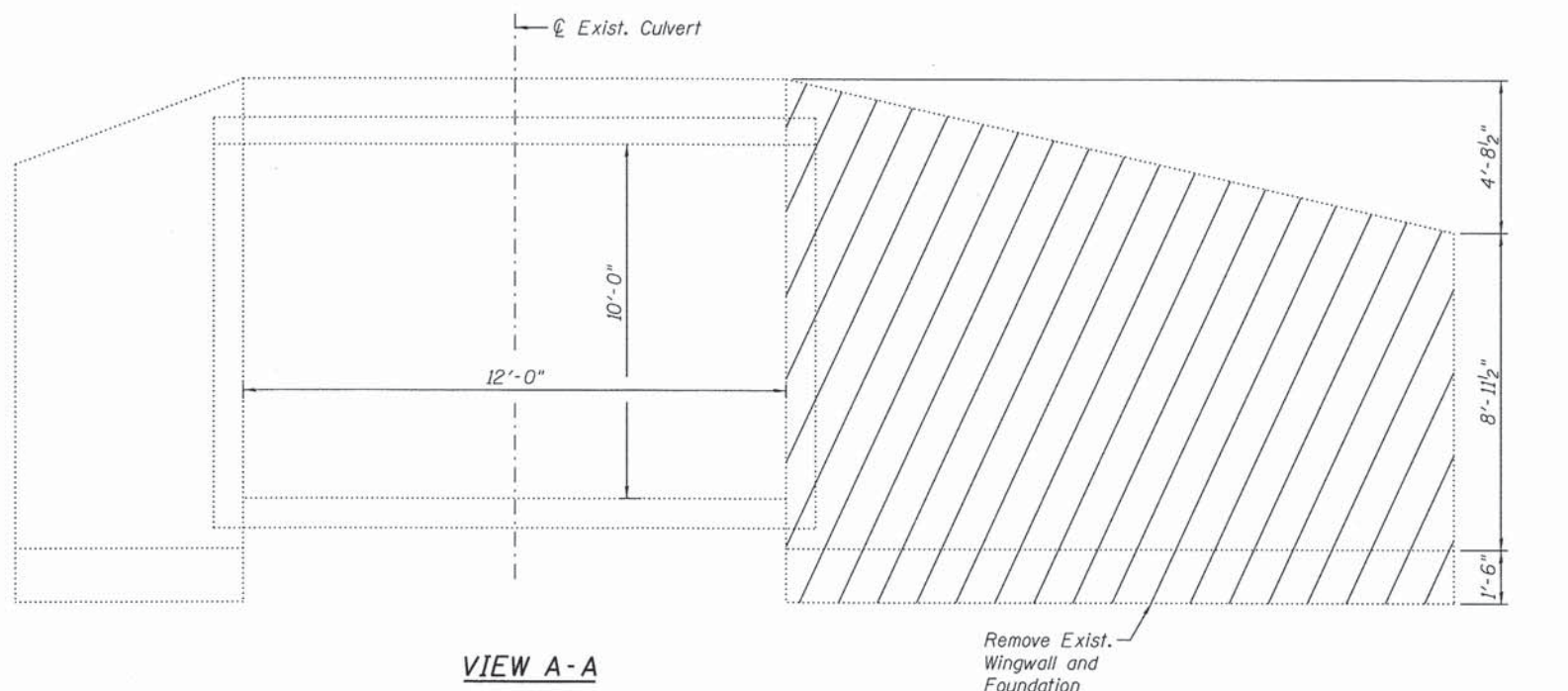
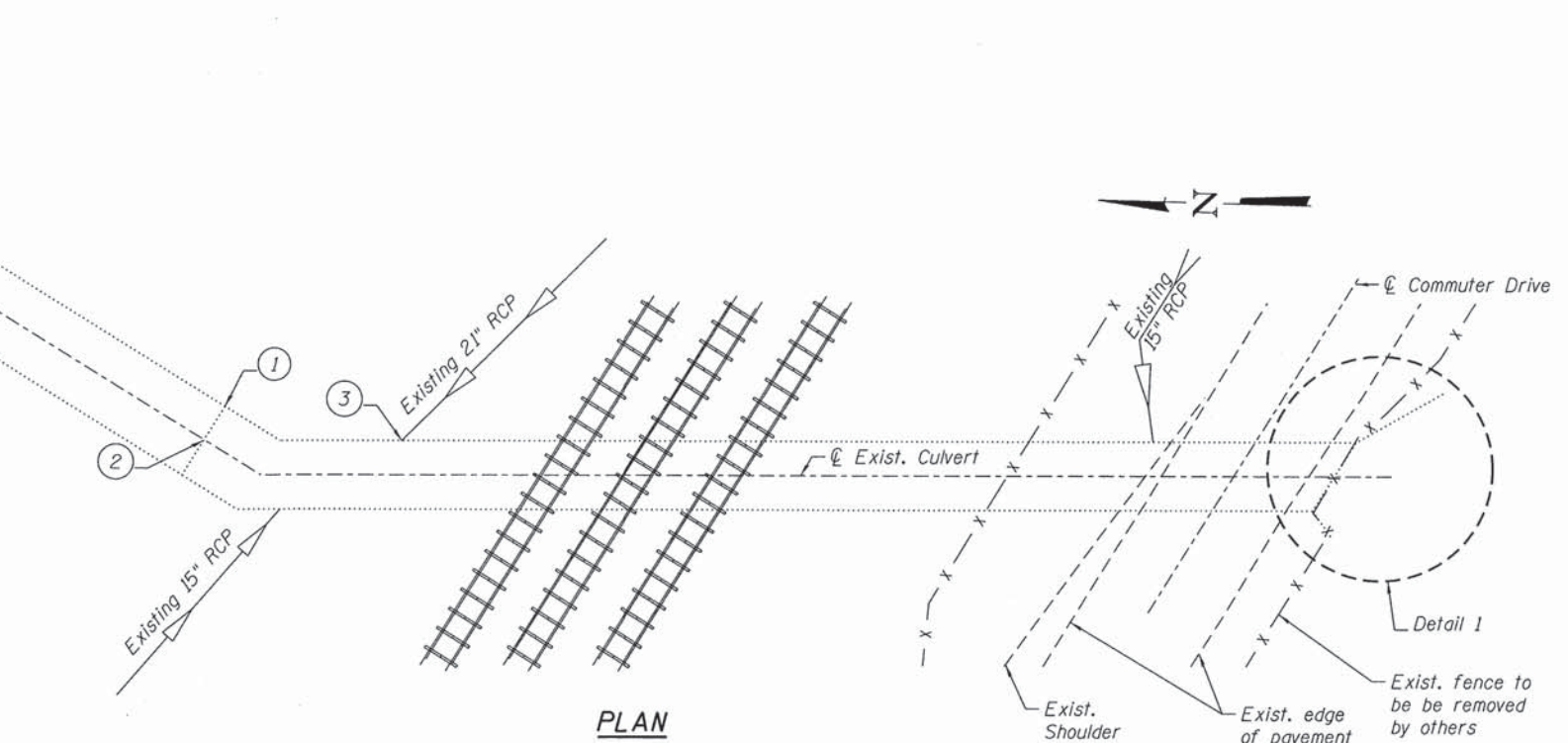
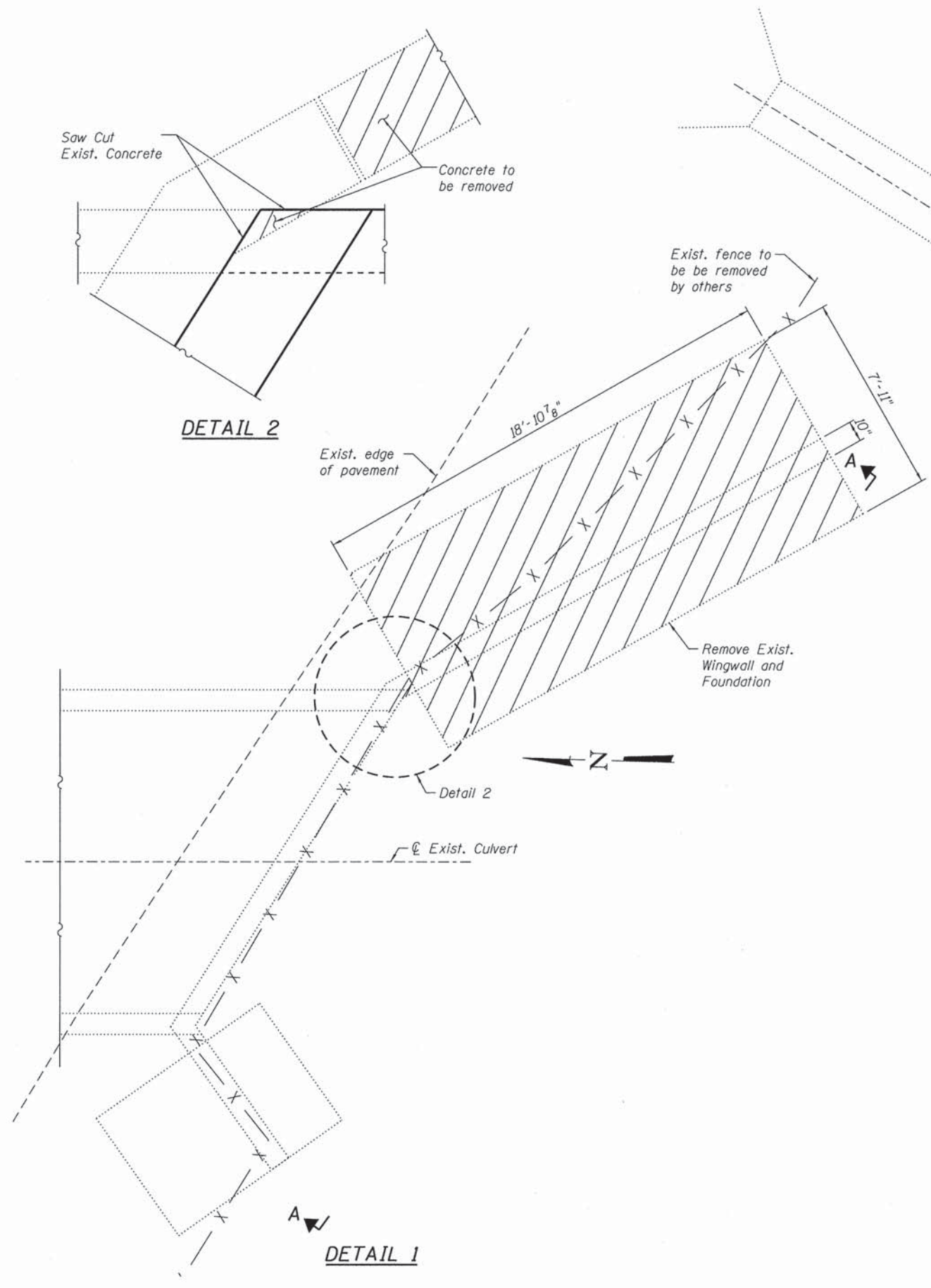
### ARLINGTON PARK COMMUTER DRIVE

### GENERAL PLAN AND ELEVATION STRUCTURE NO. 016-L010

SHEET NO. S-1 OF S-7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	76
CONTRACT NO. 63717				
ILLINOIS FED. AID PROJECT				

N:\PROJECTS\080034002\Design\Structural\CAD\080034002\_02 Removal.dgn



**REPAIRS**

- ① 1'x2' Delamination - 2 Sq. Ft. Structural Repair of Concrete (Depth equal to or less than 5 inches)
- ② 1'x6' Spall, roof at stage const. Jt. - 6 Sq. Ft. Structural Repair of Concrete (Depth equal to or less than 5 inches)
- ③ 4'x3' Exposed Rebar - 12 Sq. Ft. Structural Repair of Concrete (Depth equal to or less than 5 inches)

**LEGEND:**

Concrete Removal

**BILL OF MATERIAL**

DESCRIPTION	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	14.9
Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.	20

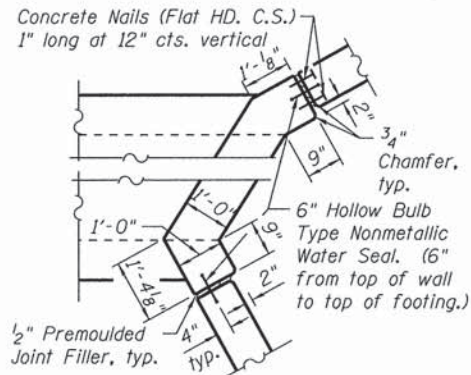


USER NAME = jkajellman	DESIGNED - MHT	REVISED -
PLOT SCALE = 2/8" = 1' / in.	CHECKED - BWS	REVISED -
PLOT DATE = 7/15/2013	DRAWN - RD	REVISED -
	CHECKED - BWS	REVISED -

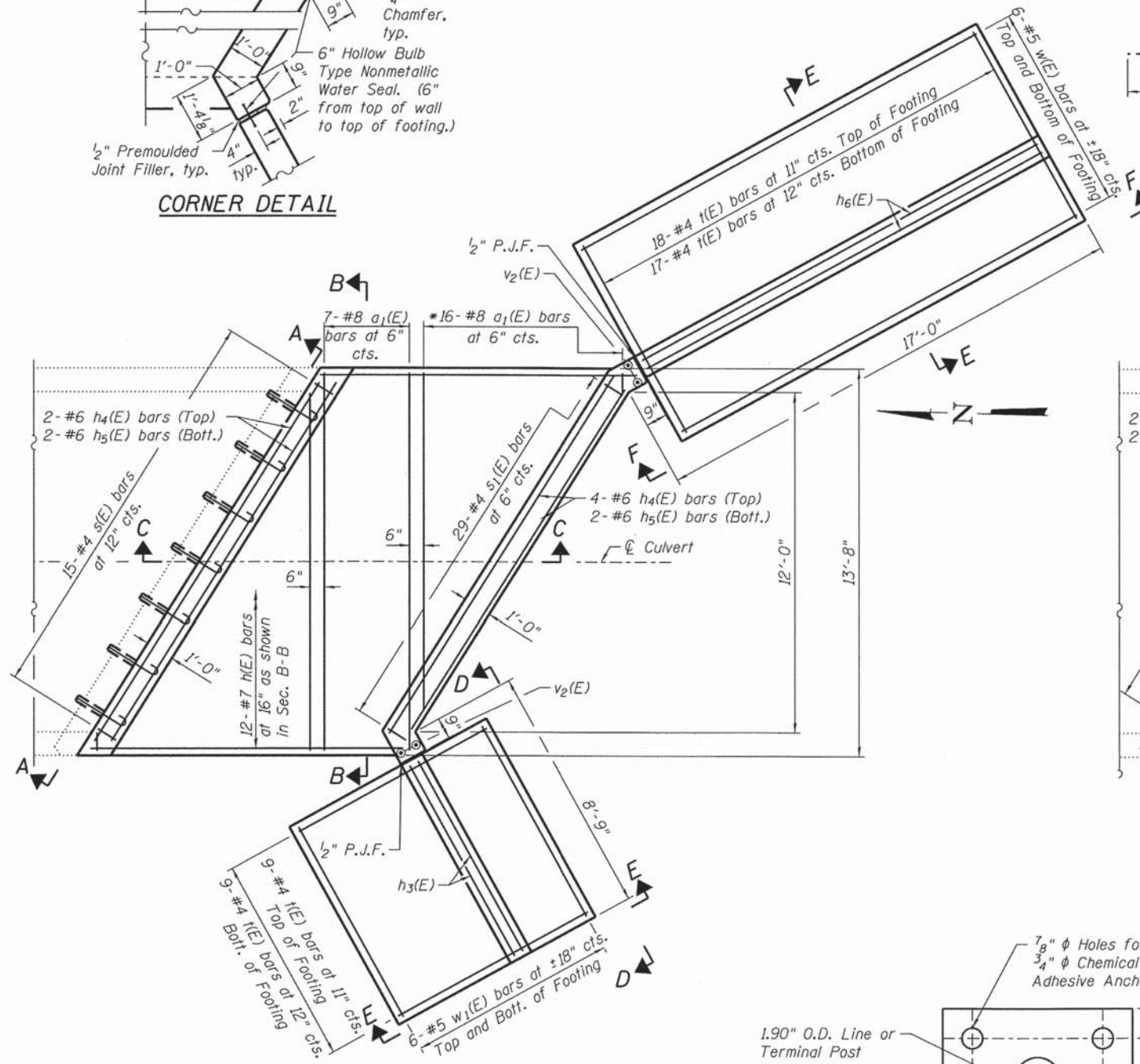
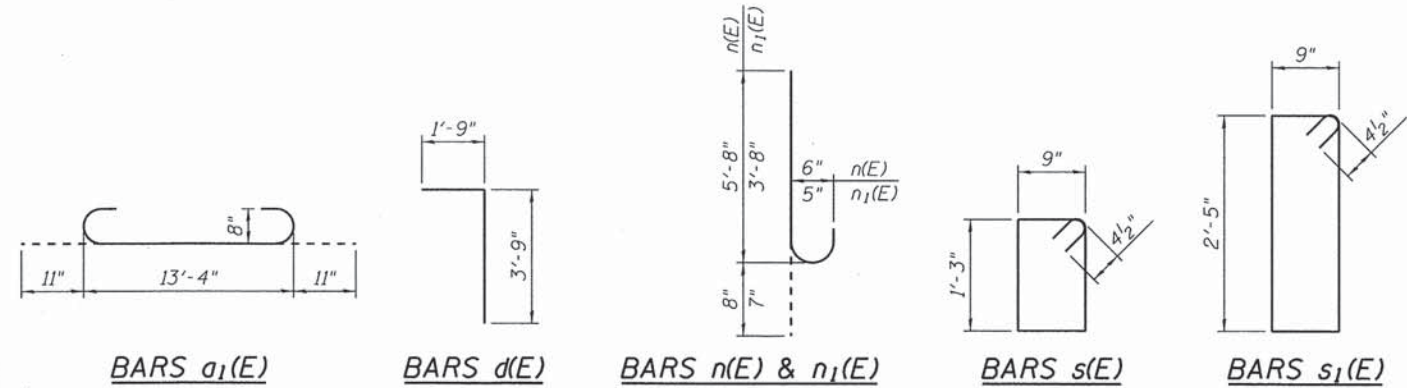
**ARLINGTON PARK  
COMMUTER DRIVE**

**REMOVAL AND REPAIRS  
STRUCTURE NO. 016-L010**  
SHEET NO. S-2 OF S-7 SHEETS

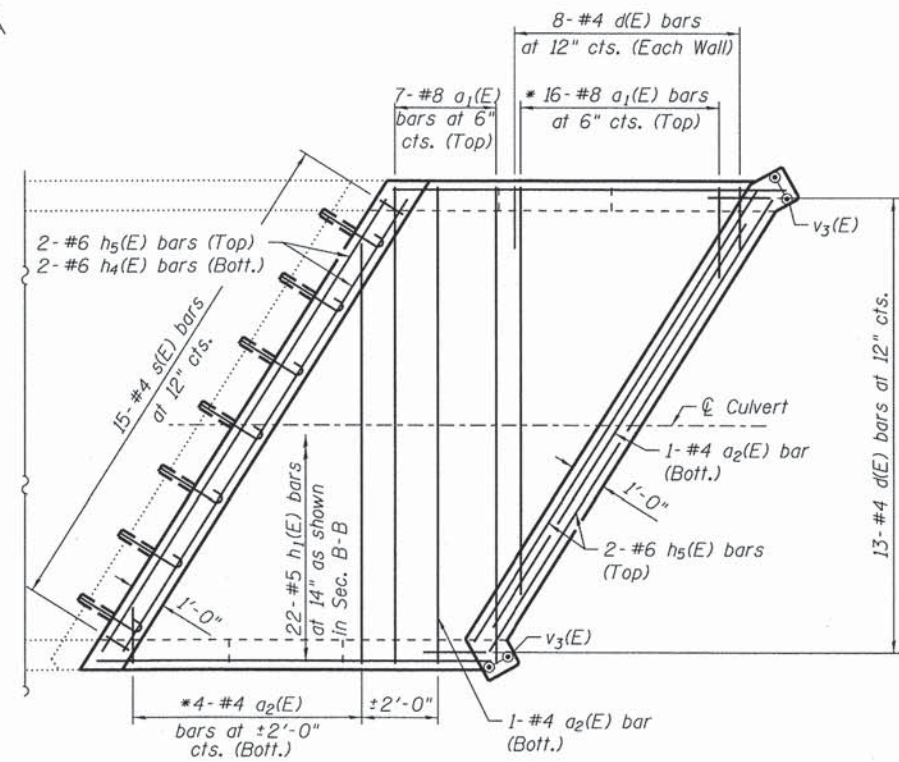
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CONTRACT NO. 63717				
ILLINOIS FED. AID PROJECT				



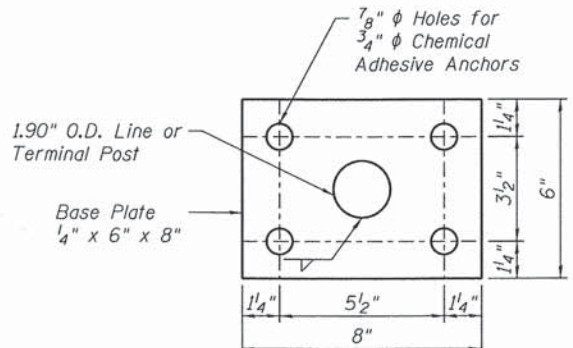
**CORNER DETAIL**



**TOP PLAN**



**BOTTOM PLAN**



**FENCE POST BASE PLATE DETAIL**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a <sub>1</sub> (E)	46	# 8	15'-2"	U
a <sub>2</sub> (E)	6	# 4	13'-4"	—
d(E)	29	# 4	5'-6"	L
n(E)	12	# 7	11'-0"	—
n <sub>1</sub> (E)	22	# 5	11'-0"	—
h <sub>2</sub> (E)	20	# 7	11'-0"	—
h <sub>3</sub> (E)	26	# 4	7'-9"	—
h <sub>4</sub> (E)	8	# 6	14'-11"	—
h <sub>5</sub> (E)	8	# 6	15'-6"	—
h <sub>6</sub> (E)	24	# 4	16'-0"	—
n(E)	31	# 6	6'-4"	U
n <sub>1</sub> (E)	29	# 5	4'-3"	U
s(E)	30	# 4	4'-9"	D
s <sub>1</sub> (E)	29	# 4	7'-1"	D
t(E)	53	# 4	7'-8"	—
v(E)	44	# 4	10'-1"	—
v <sub>1</sub> (E)	44	# 4	2'-4"	—
v <sub>2</sub> (E)	4	# 5	12'-0"	—
v <sub>3</sub> (E)	4	# 5	6'-10"	—
v <sub>4</sub> (E)	11	# 5	13'-4"	—
v <sub>5</sub> (E)	11	# 5	12'-8"	—
v <sub>6</sub> (E)	10	# 5	12'-0"	—
v <sub>7</sub> (E)	8	# 4	15'-2"	—
w(E)	12	# 5	16'-0"	—
w <sub>1</sub> (E)	12	# 5	7'-9"	—
Reinforcement Bars, Epoxy Coated			Pound	5,930
Concrete Box Culverts			Cu. Yd.	50.4
Expansion Bolts, 3/4"			Each	32

**BASE PLATE NOTES:**

Base plate shall have angle to conform to the slope of top of wall.  
 Anchor bolts, nuts and washers shall be 304 Stainless Steel.  
 Drill 1/2" drainage hole through center of each base plate.  
 Base plate shall be cleaned with power wire brush and the weld shall be ground smooth. Grind corners and edges to 1/8" radius. Apply 2 coats of galvanizing.  
 See Standard 664001-02 for fencing and post details.

**NOTE:**

For Sections A-A, B-B, C-C, E-E, View D-D and View F-F, see sheet S-4.

N:\PROJ\0803408.00\Design\Structural\CAD\0803408.03 Details I.dgn

**Clorba Group, Inc.**  
 CONSULTING ENGINEERS  
 600 North Commonwealth Avenue  
 Suite 402 Chicago, Illinois 60654  
 Tel: 773.775.4000  
 Fax: 773.775.4014  
 Email: cgroup@clorba.com

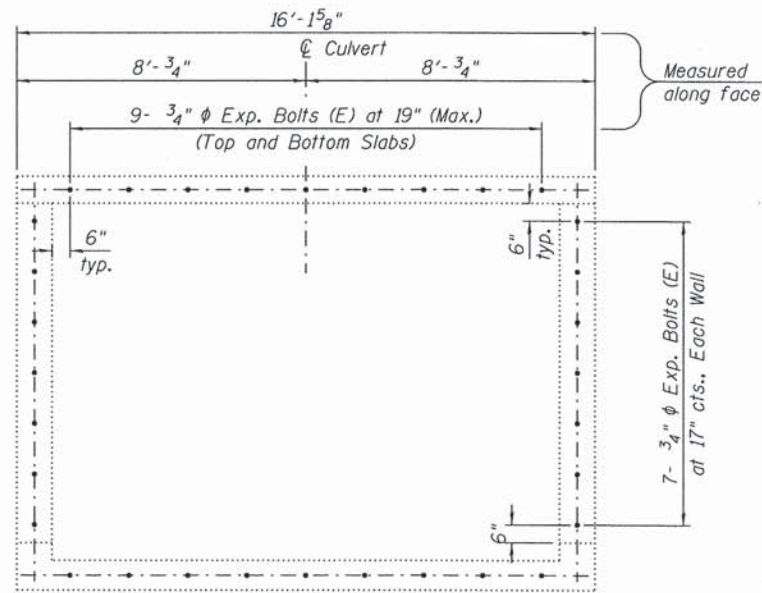
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PLOT DATE = 7/15/2013	DRAWN - RD	REVISED -
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**ARLINGTON PARK  
COMMUNTER DRIVE**

**CULVERT DETAILS I  
STRUCTURE NO. 016-L010**

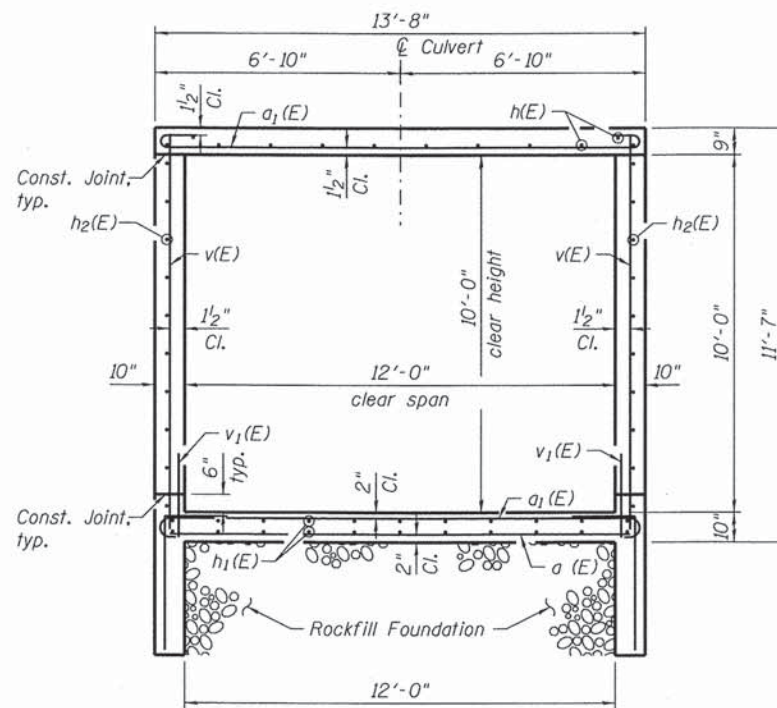
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63717			ILLINOIS FED. AID PROJECT	

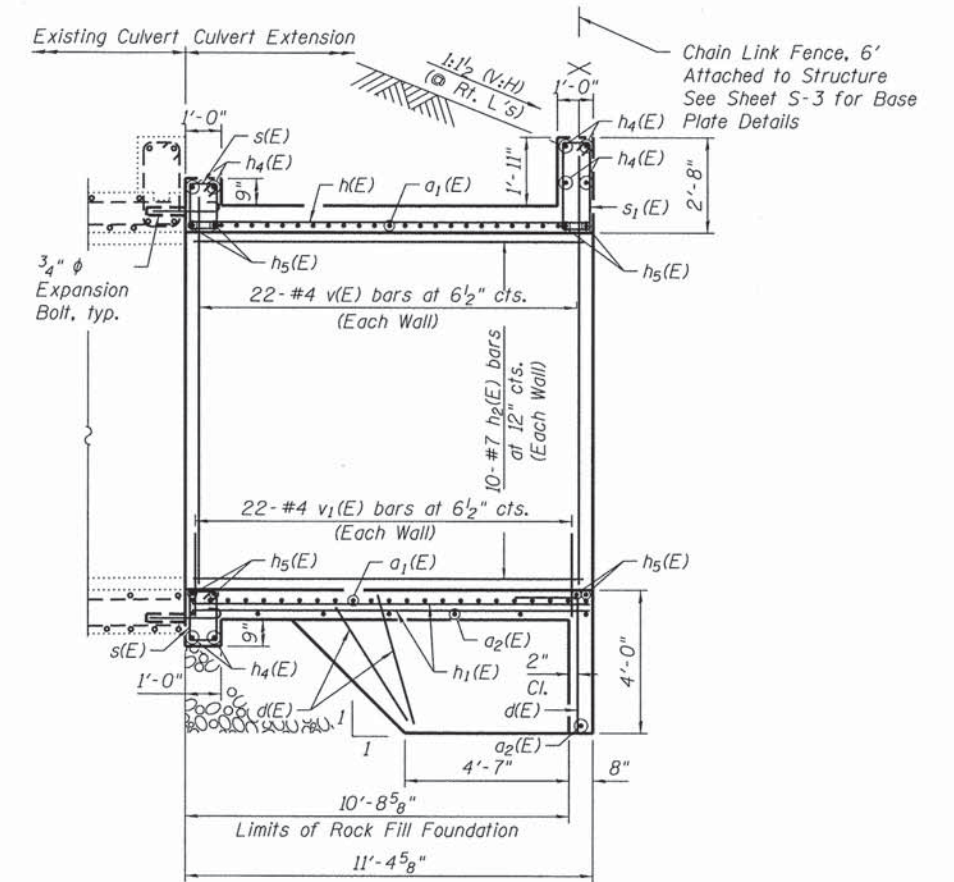


- Notes:
- Expansion Bolts Shall be  $\frac{3}{4}$ "  $\phi$  hooked bolts.
  - Hooked Bolts shall extend minimum of 9" into new concrete.

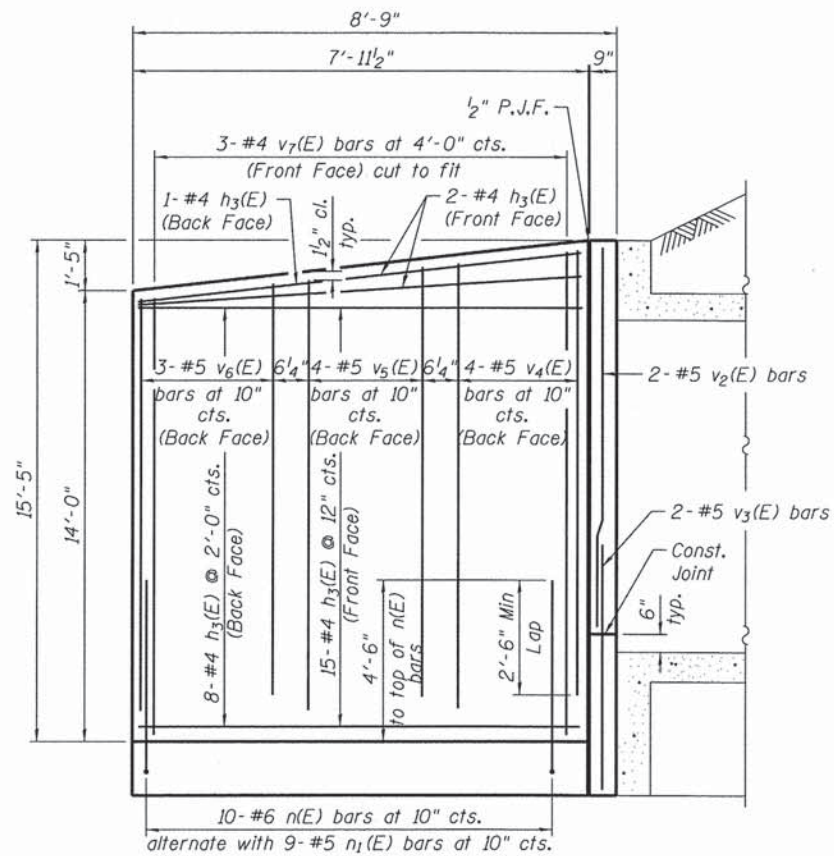
SECTION A-A



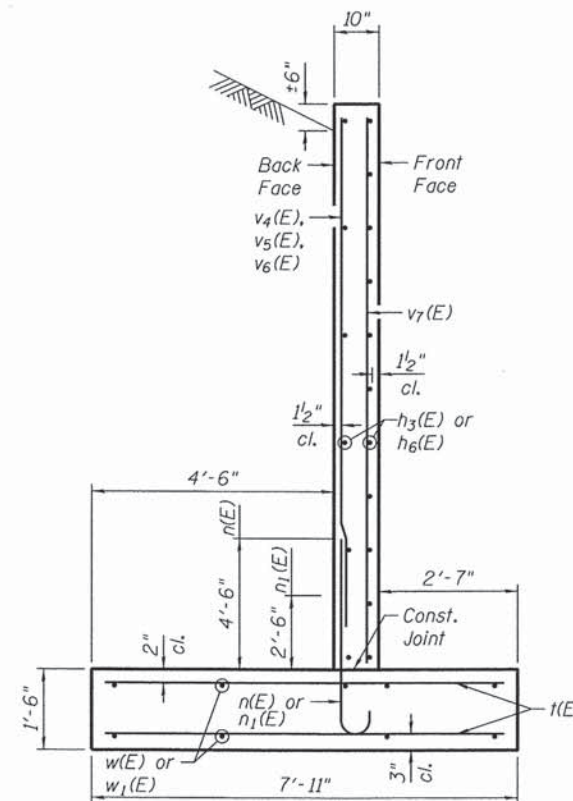
SECTION B-B



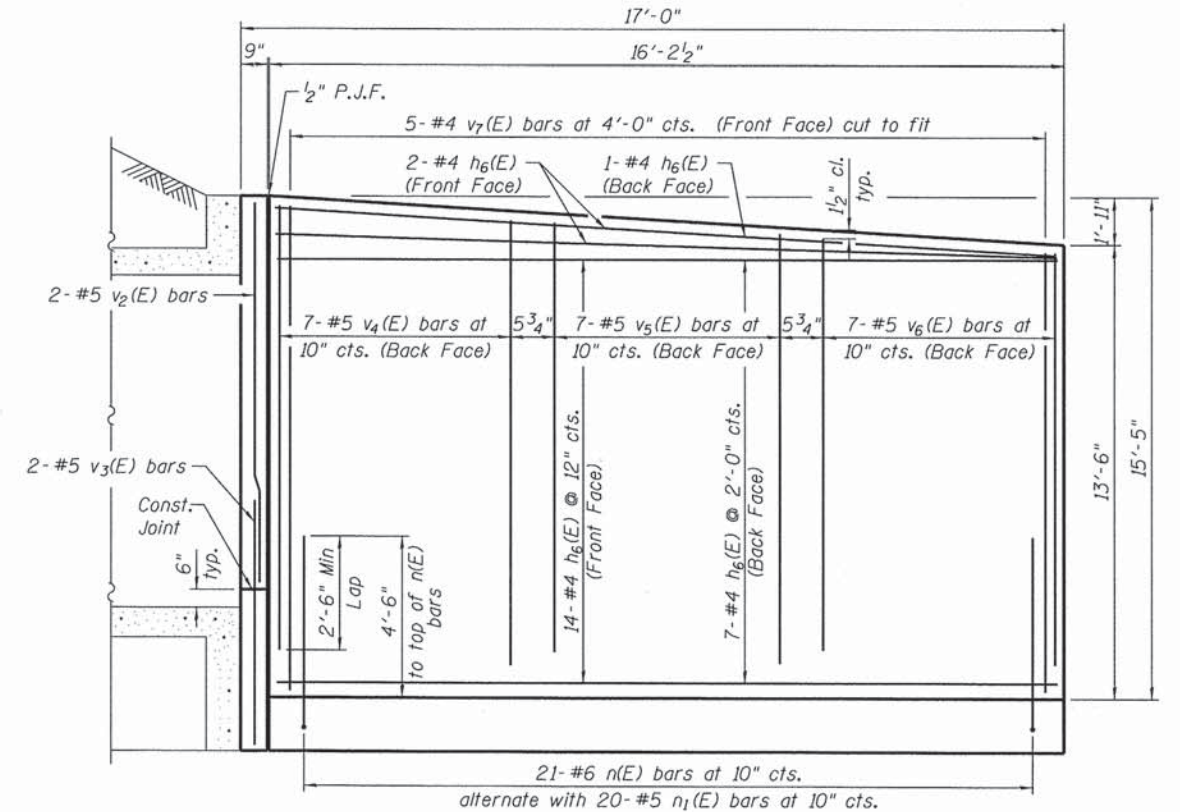
SECTION C-C



VIEW D-D



SECTION E-E



VIEW F-F

**NOTE:**  
For Bill of Material and Top and Bottom Plan, see sheet S-3.

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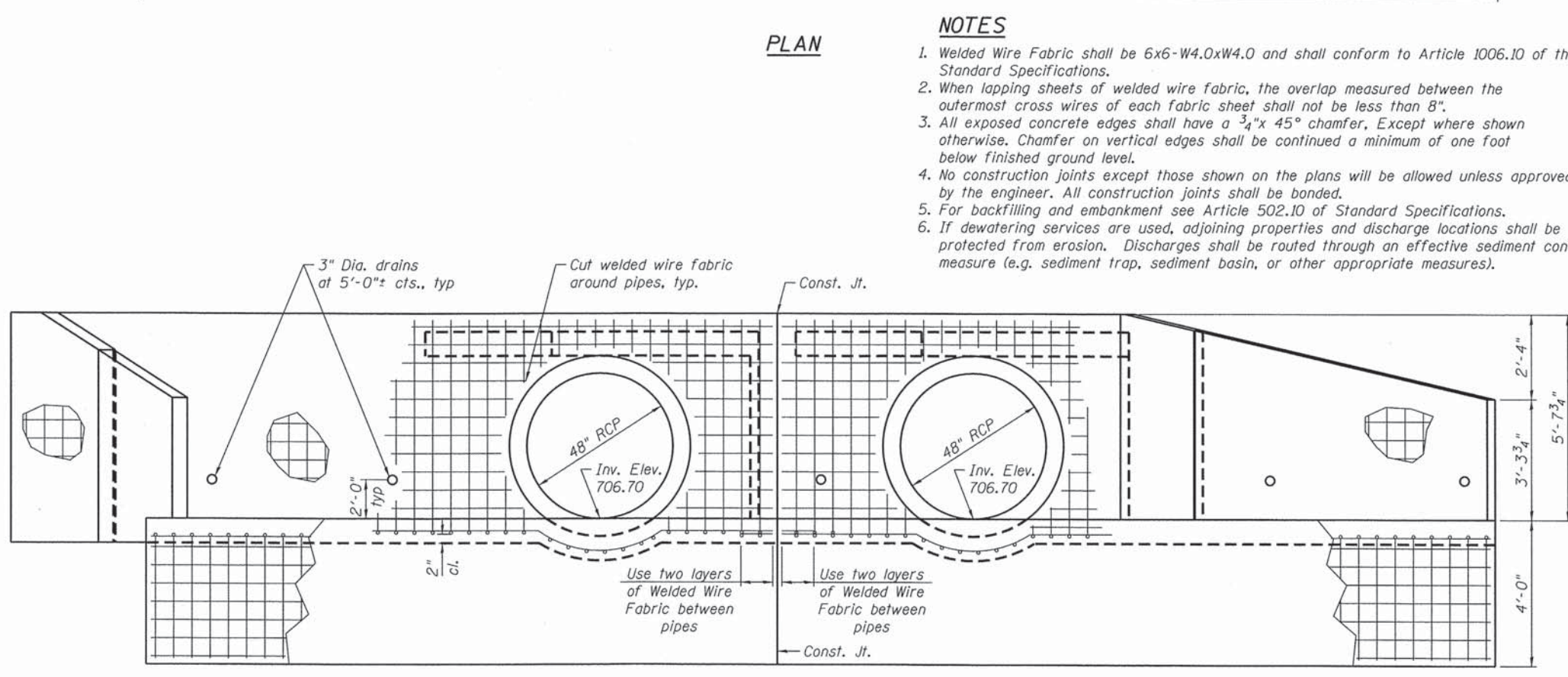
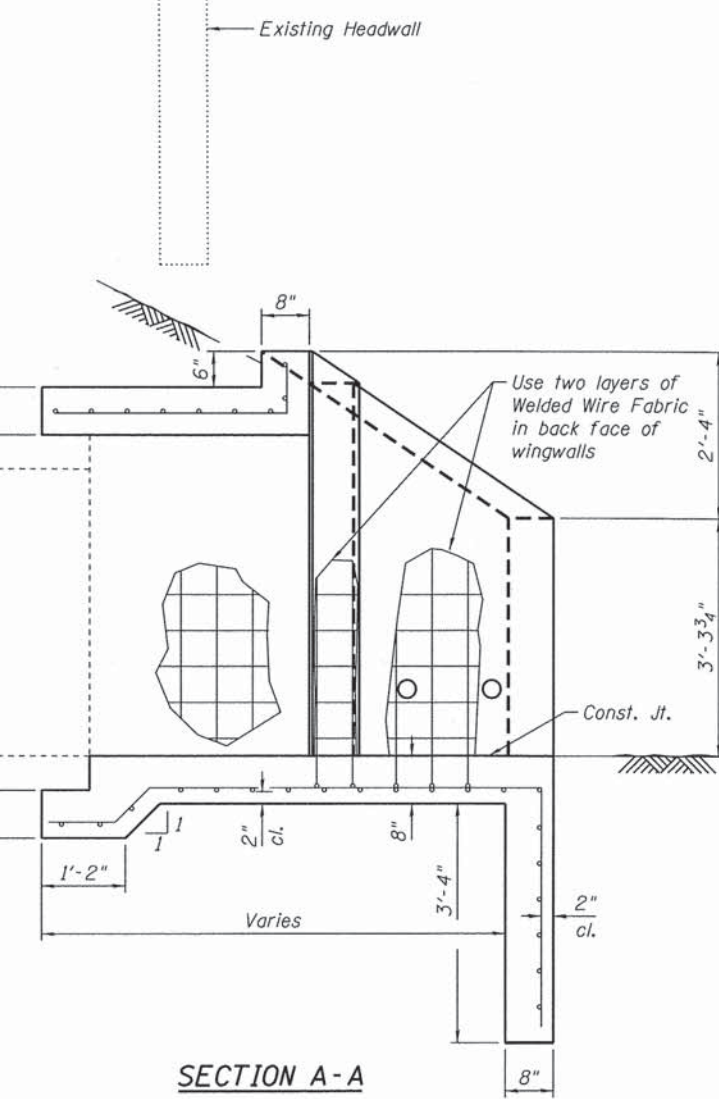
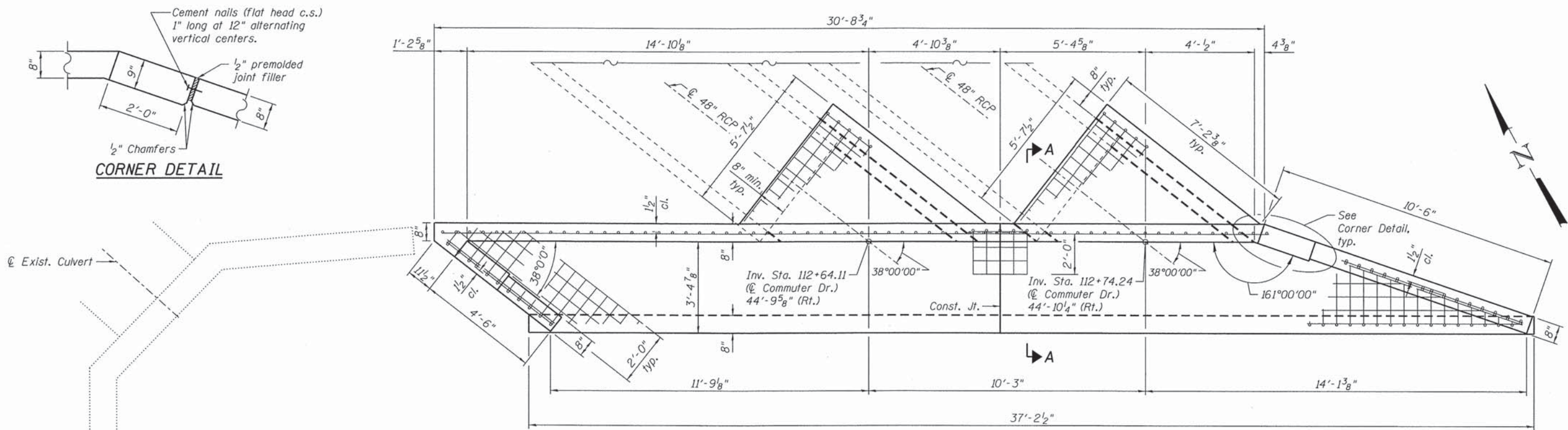


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	CHECKED - MHT	REVISED -

**ARLINGTON PARK  
COMMUTER DRIVE**

**CULVERT DETAILS II  
STRUCTURE NO. 016-L010**  
SHEET NO. S-4 OF S-7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	79
CONTRACT NO. 63717				
ILLINOIS FED. AID PROJECT				



**NOTES**

1. Welded Wire Fabric shall be 6x6-W4.0xW4.0 and shall conform to Article 1006.10 of the Standard Specifications.
2. When lapping sheets of welded wire fabric, the overlap measured between the outermost cross wires of each fabric sheet shall not be less than 8\".
3. All exposed concrete edges shall have a 3/4\"x 45° chamfer, except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
4. No construction joints except those shown on the plans will be allowed unless approved by the engineer. All construction joints shall be bonded.
5. For backfilling and embankment see Article 502.10 of Standard Specifications.
6. If dewatering services are used, adjoining properties and discharge locations shall be protected from erosion. Discharges shall be routed through an effective sediment control measure (e.g. sediment trap, sediment basin, or other appropriate measures).

**PLAN**

**ELEVATION**

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Concrete Structures	Cu. Yd.	15
Welded Wire Fabric 6x6	Sq. Yd.	92

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 05/15/2013 10:00 AM  
 7/15/2013



USER NAME = jk.jallman	DESIGNED - MHT	REVISED -
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PLOT DATE = 7/15/2013	DRAWN - RD	REVISED -
	CHECKED - BWS	REVISED -

**ARLINGTON PARK  
COMMUTER DRIVE**

**HEADWALL  
STRUCTURE NO. \_\_\_\_\_**

SHEET NO. 5-5 OF 5-7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	80
CONTRACT NO. 63717				
ILLINOIS FED. AID PROJECT				





**SOIL BORING LOG 1**

Client: Ciorba Group, Inc. File No. 20534 Date Drilled: 3/2/12  
 Logged By: DA Page: 1 of 1  
 Arlington Heights, Illinois (847) 870-0544

Reference: Arlington Park Commuter Drive  
 Rolling Meadows, IL

Comments:

Equipment:  CME 45B  CME 55  Hand Auger  Other

CLASSIFICATION  
 Elevation Existing Surface

depth, ft.	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength
	X	Δ	⊗	○
(See Core Log)				
1				
Gray-black clay, some silt, trace sand & gravel, damp, very tough - Fill				
2	10	22.2	102.4	2.5
3				
4				
5	15	25.9	96.1	3.3
Black silt, some clay, trace sand, damp, loose (topsoil)				
6		35.7		
7	11	24.8	104.1	1.8
Brown-gray clay, some silt, trace sand & gravel, damp, tough to very tough				
8				
9				
10	8	18.6	110.1	2.3

End of Boring

Water encountered at dry feet during drilling operations (W.D.)  
 Water recorded at dry feet on completion of drilling operations (A.D.)  
 Water recorded at feet hours after completion of drilling operations (A.D.)

G-303d



**SOIL BORING LOG 2**

Client: Ciorba Group, Inc. File No. 20534 Date Drilled: 3/2/12  
 Logged By: DA Page: 1 of 1  
 Arlington Heights, Illinois (847) 870-0544

Reference: Arlington Park Commuter Drive  
 Rolling Meadows, IL

Comments:

Equipment:  CME 45B  CME 55  Hand Auger  Other

CLASSIFICATION  
 Elevation Existing Surface

depth, ft.	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength
	X	Δ	⊗	○
(See Core Log)				
1				
Dark gray-brown-black clay & silt, trace sand & gravel, damp-very damp, very tough to tough - Fill				
2	16	12.0	118.4	3.7
3				
4				
5	8	16.2	108.7	1.1
Brown-gray-black clay, some silt, trace sand & gravel, damp-very damp, tough to very soft - Fill				
6				
7	8	18.4	107.3	1.4
8				
9				
10	5	25.6	101.2	0.4

End of Boring

Water encountered at dry feet during drilling operations (W.D.)  
 Water recorded at dry feet on completion of drilling operations (A.D.)  
 Water recorded at feet hours after completion of drilling operations (A.D.)

G-303d



**SOIL BORING LOG 3**

Client: Ciorba Group, Inc. File No. 20534 Date Drilled: 3/2/12  
 Logged By: DA Page: 1 of 1  
 Arlington Heights, Illinois (847) 870-0544

Reference: Arlington Park Commuter Drive  
 Rolling Meadows, IL

Comments:

Equipment:  CME 45B  CME 55  Hand Auger  Other

CLASSIFICATION  
 Elevation Existing Surface

depth, ft.	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength
	X	Δ	⊗	○
(See Core Log)				
1				
Black silt, some clay & sand, trace gravel & cinders, damp, medium dense - Fill				
2	13	17.2		
Brown silt, some clay, trace fine sand, damp				
3		17.4		
Brown fine sand, damp-saturated, loose				
4				
5	5	13.7		
Brown fine sand, damp-saturated, very loose to loose				
6				
7	3	24.0		
8				
9				
10	6	24.7		

End of Boring

Water encountered at 6.0 feet during drilling operations (W.D.)  
 Water recorded at 6.0 feet on completion of drilling operations (A.D.)  
 Water recorded at feet hours after completion of drilling operations (A.D.)

G-303d

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PLOT DATE = 7/15/2013	DRAWN - RD	REVISED -
	CHECKED - BWS	REVISED -

**ARLINGTON PARK  
 COMMUTER DRIVE**

**SOIL BORINGS 1  
 STRUCTURE NO. 016-L010**

SHEET NO. S-6 OF S-7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	81
CONTRACT NO. 63717				
ILLINOIS FED. AID PROJECT				

**SOIL BORING LOG 4**

Logged By: DA Page: 1 of 1  
File No. 20534 Date Drilled: 3/2/12

Client: Ciorba Group, Inc.  
Reference: Arlington Park Commuter Drive  
Rolling Meadows, IL

Comments:

Equipment:  CME 45B  CME 55  Hand Auger  Other

depth, ft.	CLASSIFICATION	standard penetration	moisture content	dry unit weight	unconfined compressive strength	unconfined compressive strength			
						1.0	2.0	3.0	4.0
	Elevation Existing Surface (See Core Log)	X	Δ	⋈	○				
7	Gray-brown-black silt, some clay, trace sand & gravel, damp, loose - Fill		15.4			X	Δ		
7	Brown-gray-black clay, some silt, trace sand & gravel, damp-very damp, tough - Fill		17.7			X	Δ		
6	Brown-gray-black clay, some silt, trace sand & gravel, damp-very damp, tough - Fill		18.5	110.6	1.3	X	●	Δ	
4	Brown-gray-black clay, some silt, trace sand & gravel, damp-very damp, stiff to tough - Fill		18.3	110.2	0.6	X	●	Δ	
6	(a) see below		26.2			X	●	Δ	
7	Gray clay, some silt, trace sand & gravel, damp, tough to very tough		16.8 18.8	116.3	1.8	X	●	Δ	
12			17.3	116.4	1.0	X	●	Δ	
11			16.4	115.0	2.3	X	●	Δ	
15			17.3	115.2	1.8	X	●	Δ	
13			18.4	118.8	3.1	X	●	Δ	
14			20.6	109.6	1.3	X	●	Δ	
15	End of Boring		19.6	113.1	3.8	X	●	Δ	
	(a) Gray fine sand, trace medium-coarse sand, saturated								

Water encountered at 15.0 feet during drilling operations (W.D.).  
Water recorded at 10.5 feet on completion of drilling operations (A.D.).  
Water recorded at \_\_\_\_\_ feet \_\_\_\_\_ hours after completion of drilling operations (A.D.).

G-303

**SOIL BORING LOG 5**

Logged By: DA Page: 1 of 1  
File No. 20534 Date Drilled: 3/2/12

Client: Ciorba Group, Inc.  
Reference: Arlington Park Commuter Drive  
Rolling Meadows, IL

Comments:

Equipment:  CME 45B  CME 55  Hand Auger  Other

depth, ft.	CLASSIFICATION	standard penetration	moisture content	dry unit weight	unconfined compressive strength	unconfined compressive strength			
						1.0	2.0	3.0	4.0
	Elevation Existing Surface (See Core Log)	X	Δ	⋈	○				
1	Black clay & silt, some gravel, trace sand, damp, very tough - Fill								
12			17.1			X	Δ		●
3	Brown-gray-black clay, some silt, trace sand & gravel, damp, stiff - Fill					X	●	Δ	
5			32.2	91.6	0.7	X	●	Δ	
3	Brown-gray clay, some silt, trace sand, very damp-saturated, stiff		30.4	92.6	0.8	X	●	Δ	
3	End of Boring		21.1	110.4	0.6	X	●	Δ	

Water encountered at 7.0 feet during drilling operations (W.D.).  
Water recorded at 7.0 feet on completion of drilling operations (A.D.).  
Water recorded at \_\_\_\_\_ feet \_\_\_\_\_ hours after completion of drilling operations (A.D.).

G-303d

**SOIL BORING LOG 6**

Logged By: DA Page: 1 of 1  
File No. 20534 Date Drilled: 3/2/12

Client: Ciorba Group, Inc.  
Reference: Arlington Park Commuter Drive  
Rolling Meadows, IL

Comments:

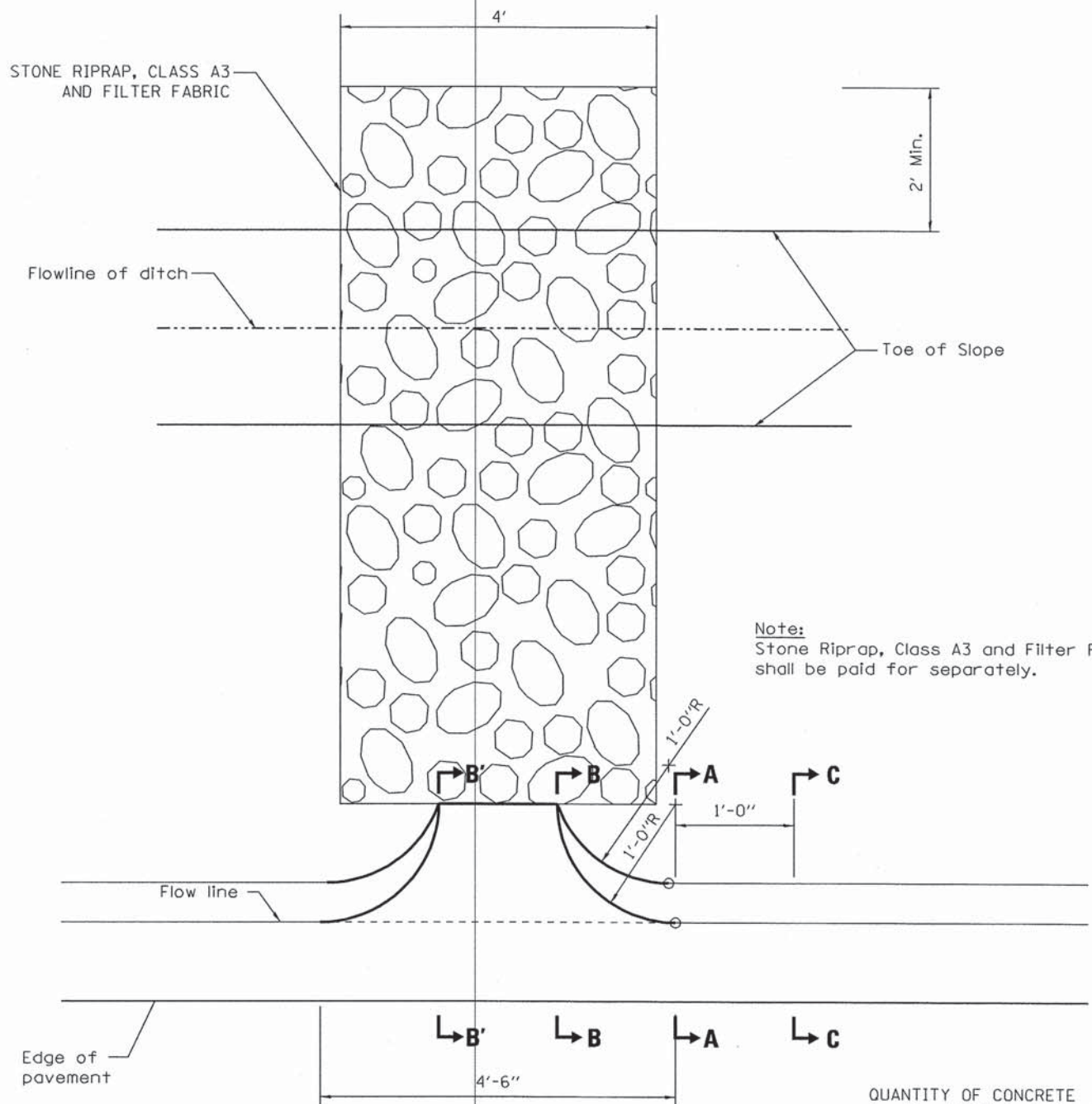
Equipment:  CME 45B  CME 55  Hand Auger  Other

depth, ft.	CLASSIFICATION	standard penetration	moisture content	dry unit weight	unconfined compressive strength	unconfined compressive strength			
						1.0	2.0	3.0	4.0
	Elevation Existing Surface (See Core Log)	X	Δ	⋈	○				
1	Gray-brown clay & silt, trace sand & gravel, damp, very tough - Fill								
8			17.7						
8	Brown clay, some silt, trace sand & gravel, damp, very tough to hard		16.6	112.5	2.2	X	●	Δ	
12			16.4	115.7	4.3	X	●	Δ	
21			16.3	116.2	5.3	X	●	Δ	
16	Brown clay, some silt, trace sand & gravel, damp, very tough		16.2	114.6	3.9	X	●	Δ	

Water encountered at \_\_\_\_\_ feet during drilling operations (W.D.).  
Water recorded at \_\_\_\_\_ feet on completion of drilling operations (A.D.).  
Water recorded at \_\_\_\_\_ feet \_\_\_\_\_ hours after completion of drilling operations (A.D.).

G-303d

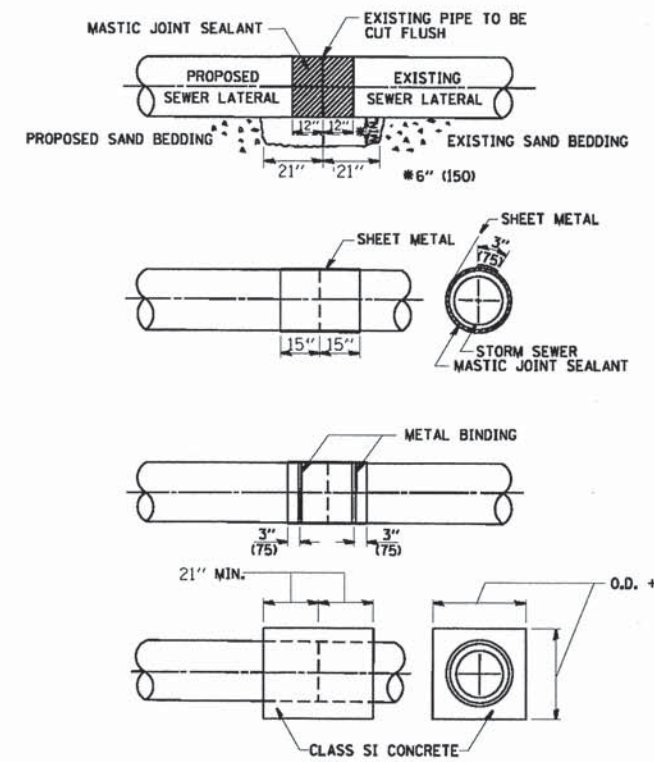
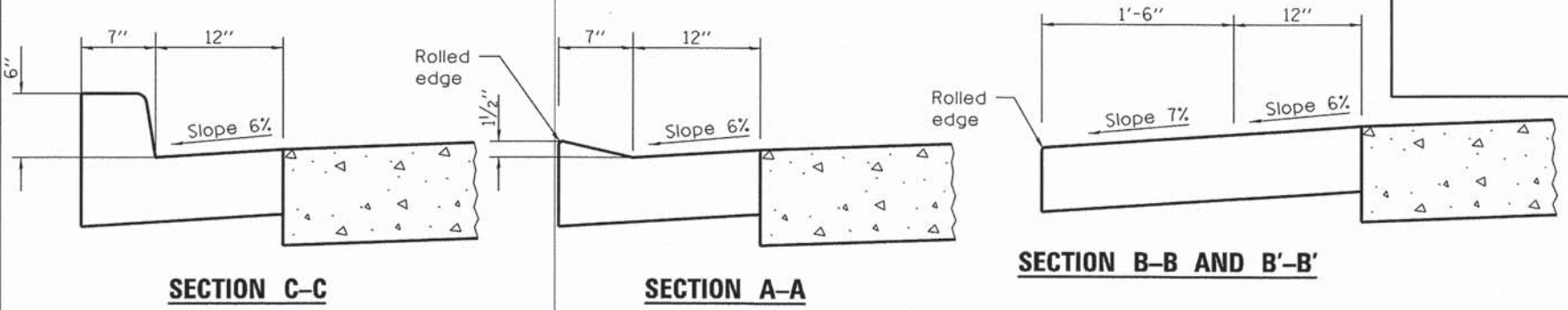
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Note:  
Stone Riprap, Class A3 and Filter Fabric shall be paid for separately.

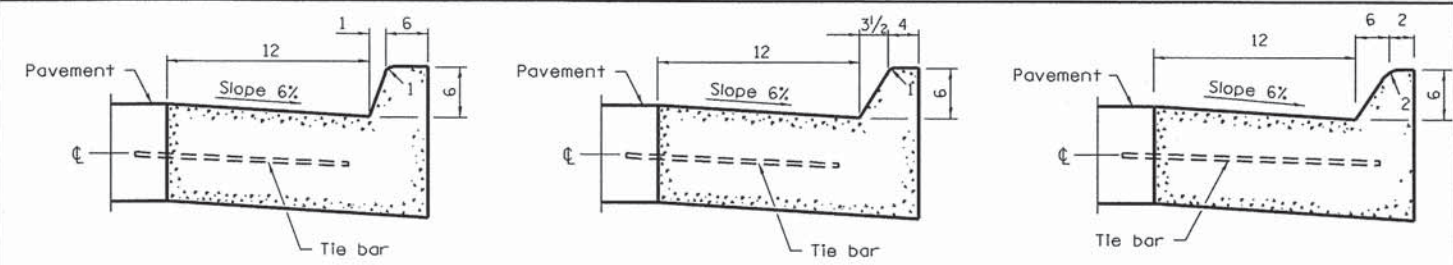
**PLAN**  
**CLASS SI CONCRETE (OUTLET)**

QUANTITY OF CONCRETE  
Section B'-B' to B-B = 0.070 cu. yd.  
Section B-B to A-A = 0.058 cu. yd.  
Section A-A to C-C = 0.035 cu. yd.

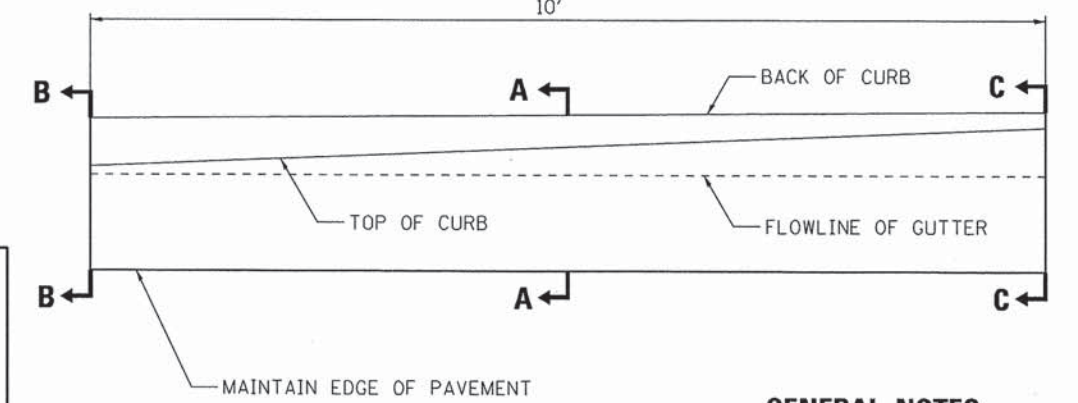


**CLASS SI CONCRETE COLLAR**

- CONSTRUCTION SEQUENCE**
- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
  - APPLY THE MASTIC JOINT SEALANT TO THE FIRST 12" OF EACH PIPE.
  - BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 21" X 12" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
  - CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.041B) 30" WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
  - WRAP THE SHEET METAL AROUND THE PIPES, 15" ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
  - LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAPS.
  - PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
  - WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
  - PLACE CLASS SI CONCRETE AROUND THE JOINT.



**BARRIER CURB (B-B)**      **SECTION A-A CONCRETE CURB TRANSITION**      **MOUNTABLE CURB (C-C)**



**GENERAL NOTES**

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

FILE NAME: \\syr-202\public\proj\0803488\08\Design\Drawings\13488-DrainDetail101.dgn

**Ciorba Group, Inc.**  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

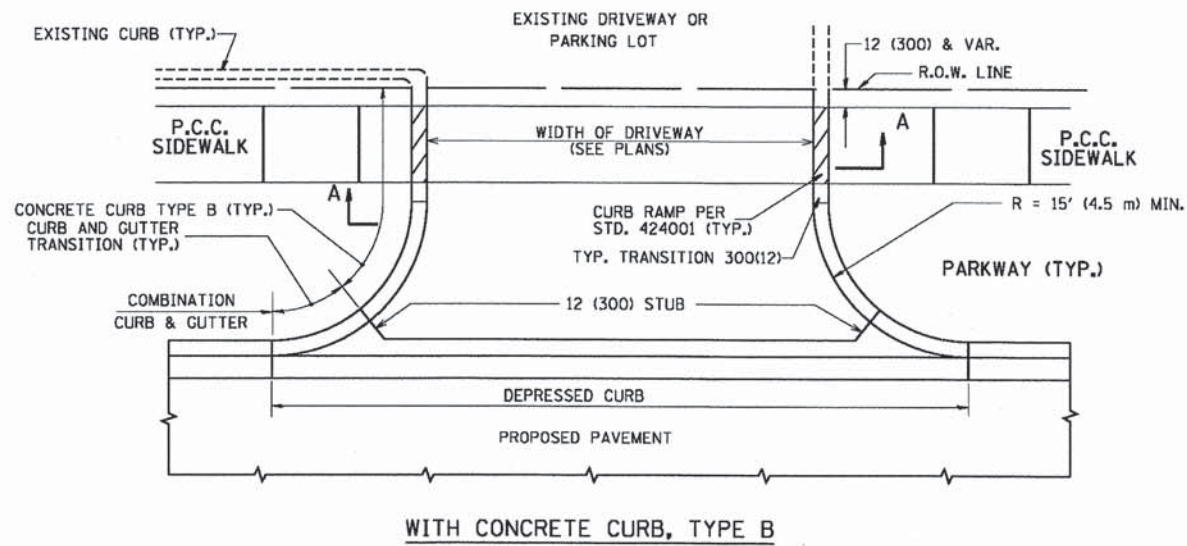
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	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

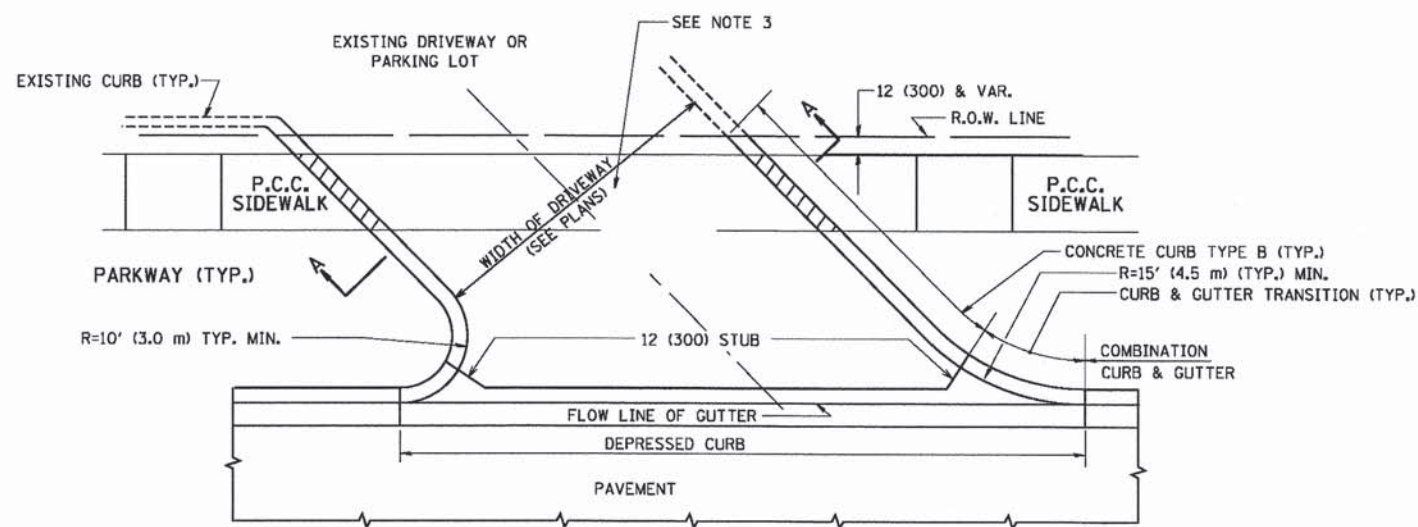
**COMMUTER DRIVE IMPROVEMENTS**  
**DRAINAGE DETAILS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

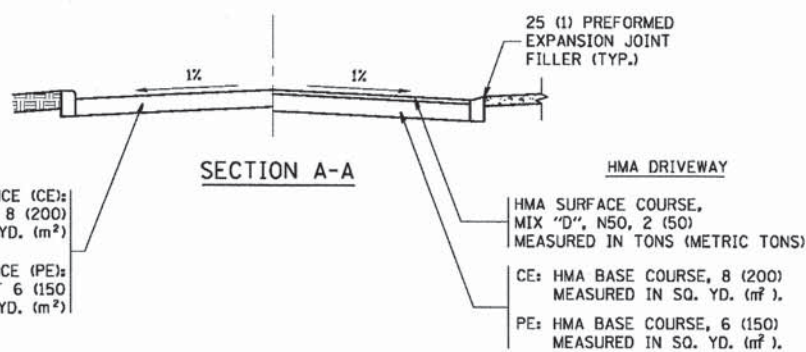
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CONTRACT NO. 63717				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



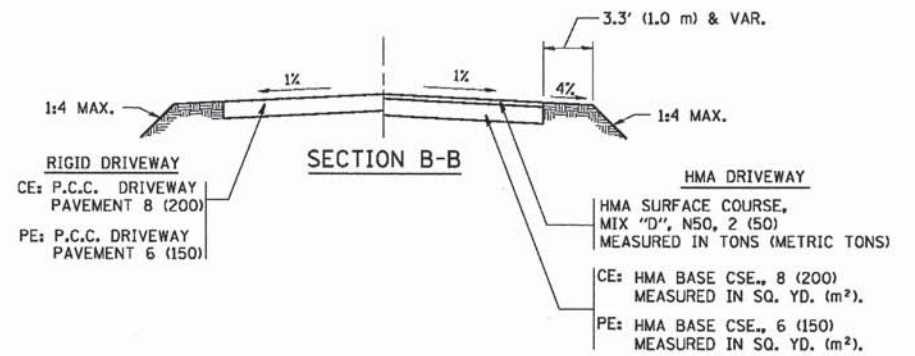
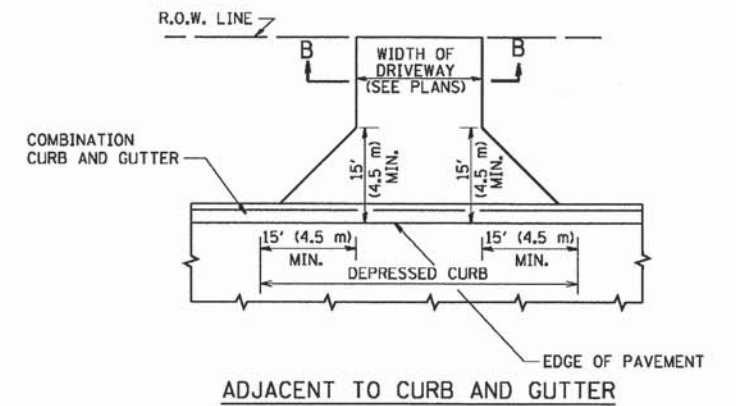
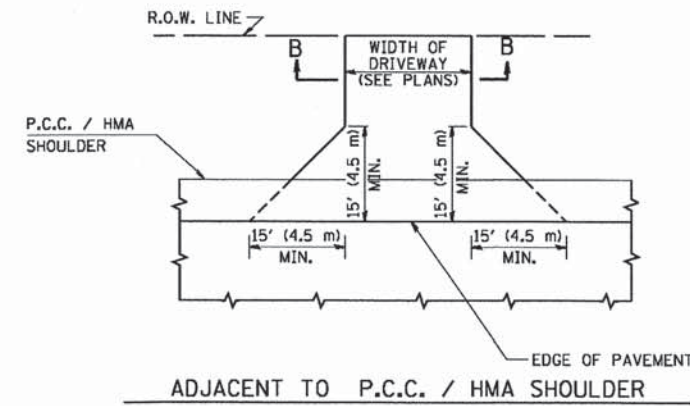
WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



SECTION A-A



**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.

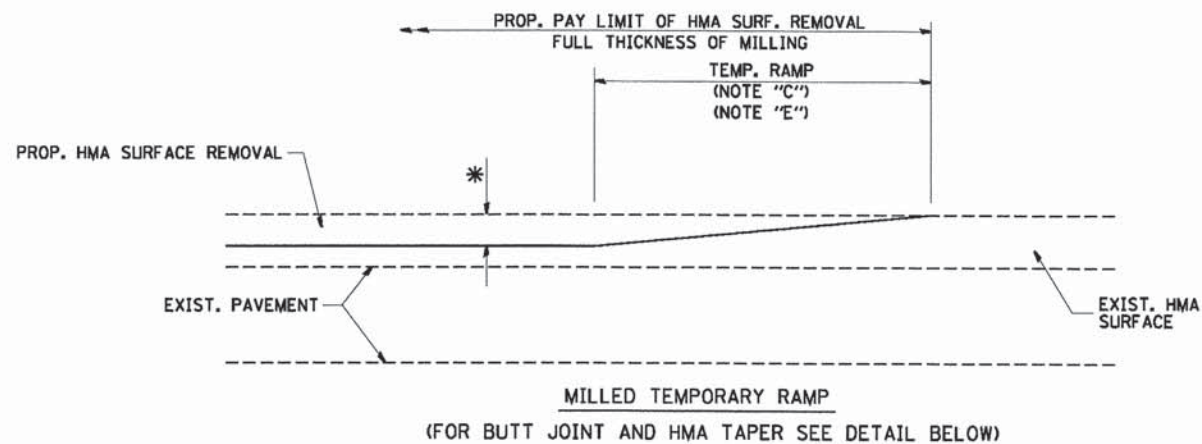
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME =	USER NAME = lajso	DESIGNED - R. SHAH	REVISED - P. LoFLUER 04-15-03
cr\pwork\pwork\layno\d0128315\bd01.dgn		DRAWN -	REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 06-11-08
		DATE - 11-04-95	REVISED - R. BORO 09-06-11

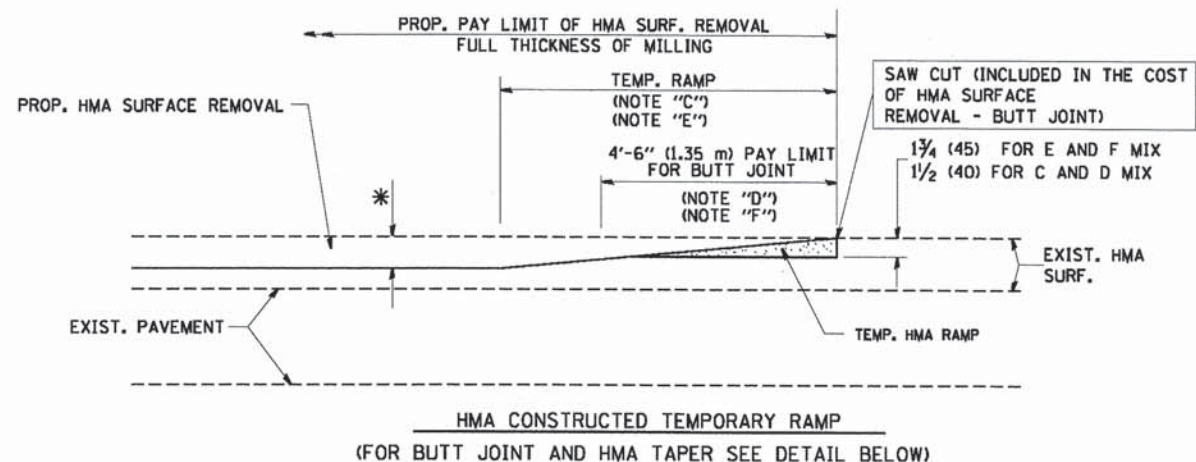
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

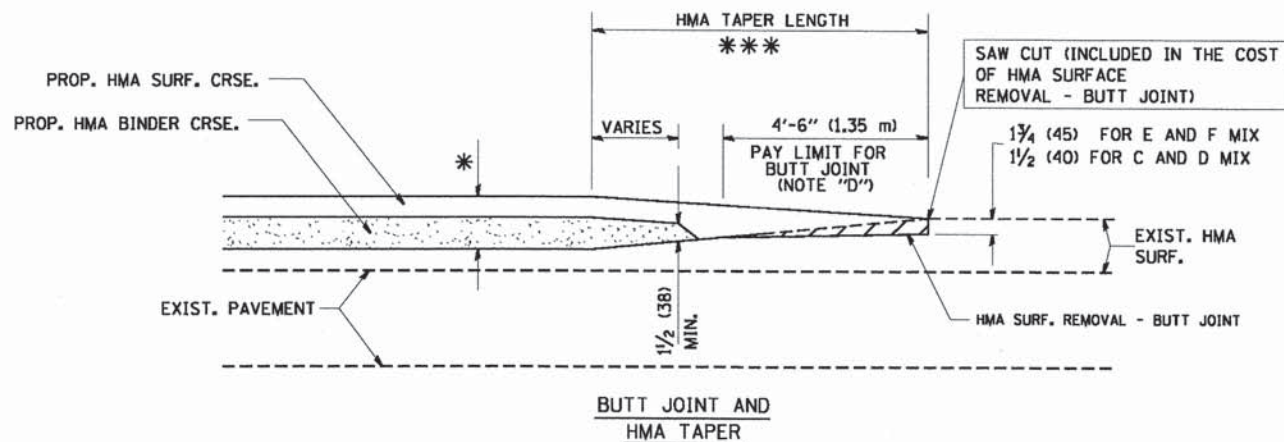
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



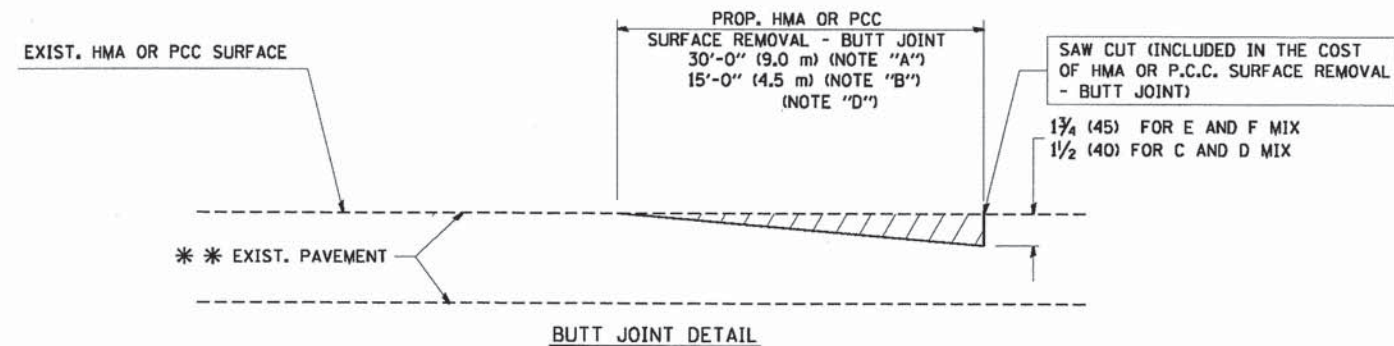
**OPTION 1**



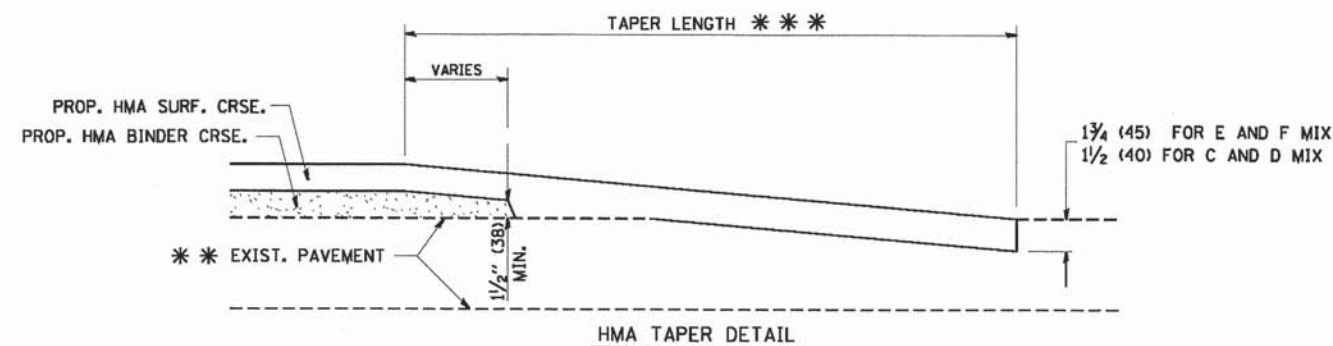
**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER**  
**FOR MILLING AND RESURFACING**



**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.

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DESIGNED - M. DE YONG  
DRAWN -  
CHECKED -  
DATE - 06-13-90

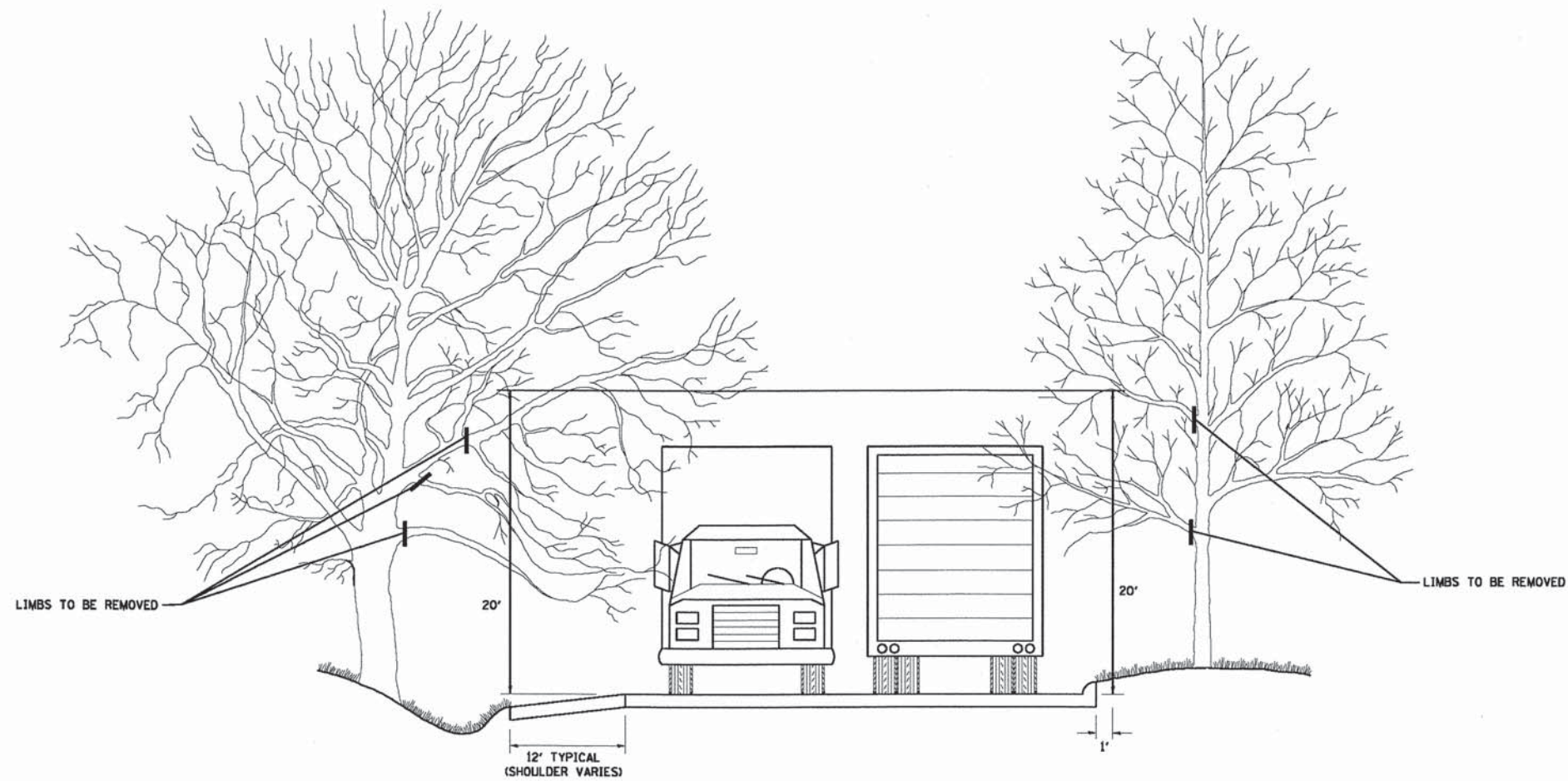
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REVISED - A. ABBAS 03-21-97  
REVISED - M. GOMEZ 04-06-01  
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND**  
**HMA TAPER DETAILS**

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

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD400-05 BD32			CONTRACT NO. 63717	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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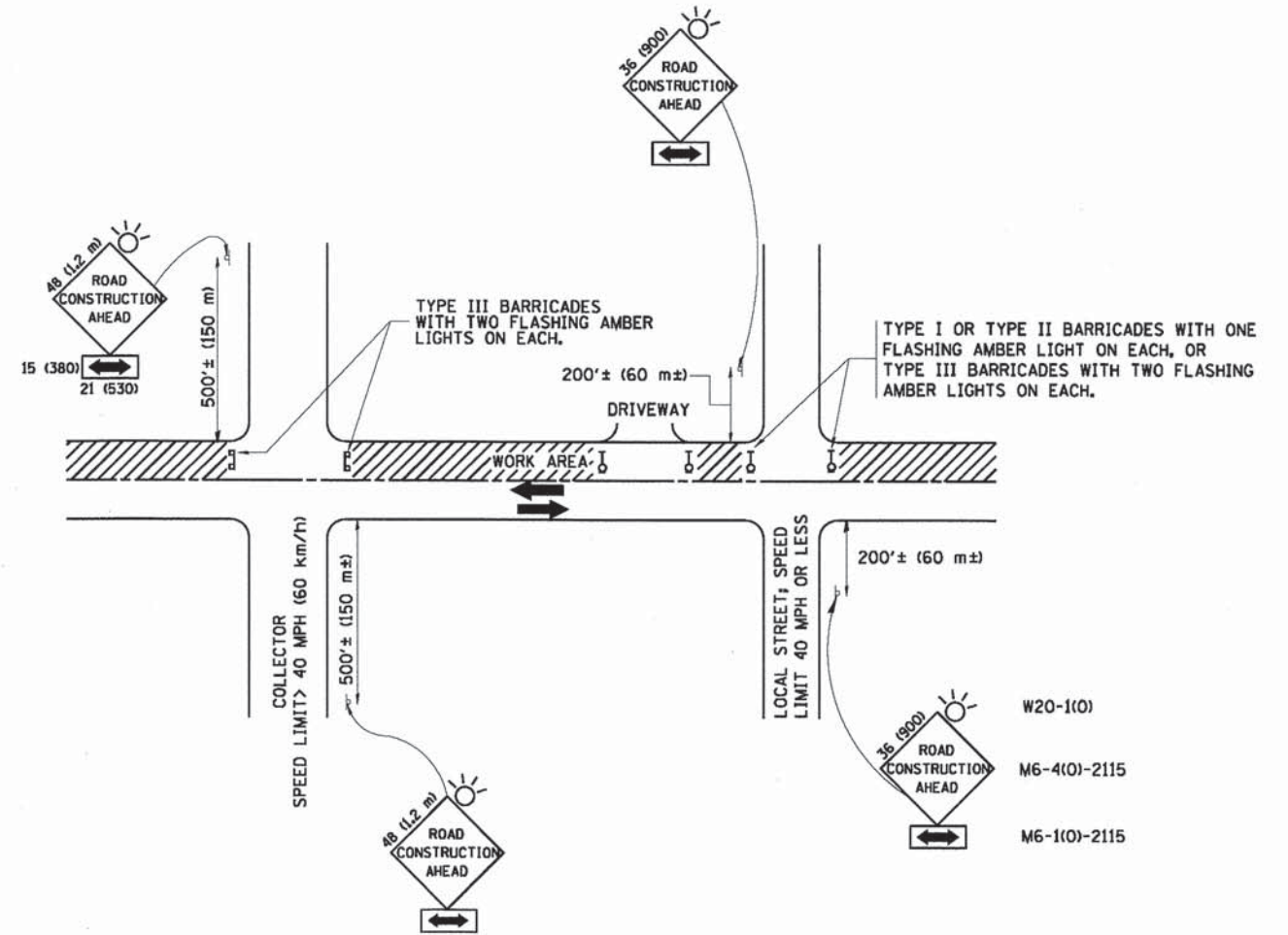
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PRUNING FOR SAFETY AND  
EQUIPMENT CLEARANCE**

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

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	86
<b>BM-20</b>			<b>CONTRACT NO. 63717</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

**NOTES:**

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

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

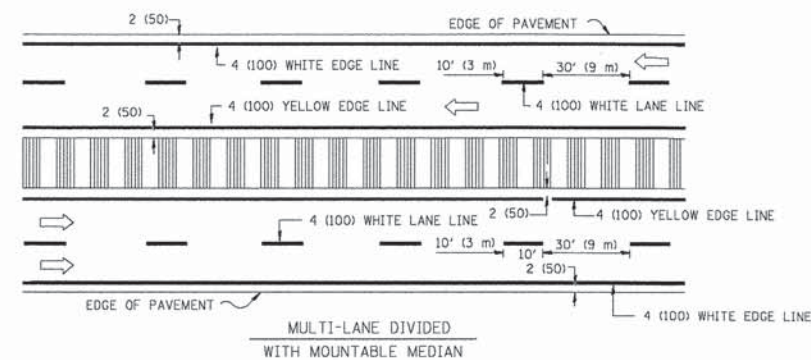
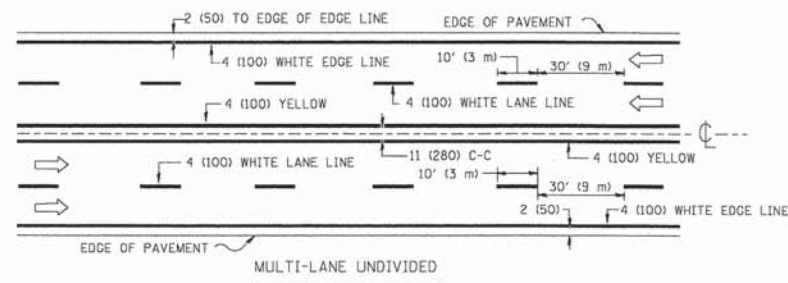
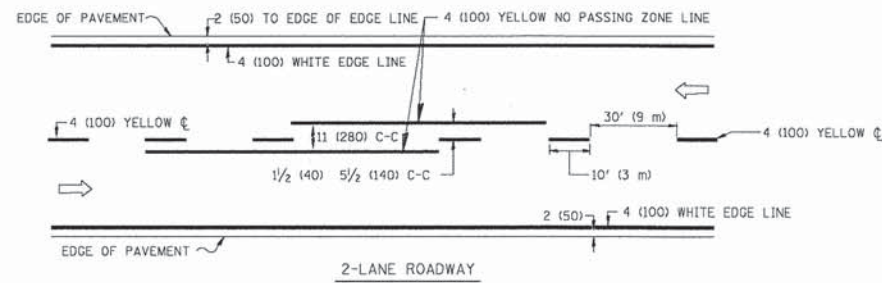
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		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

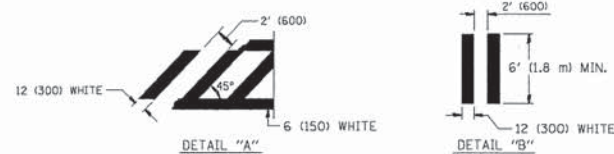
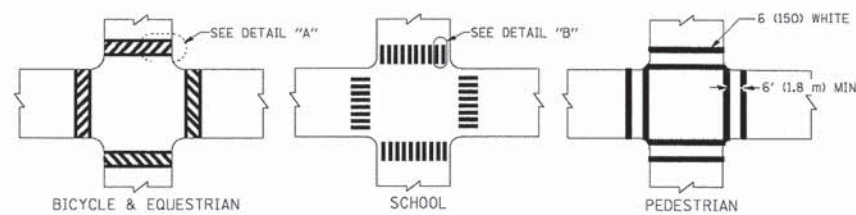
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F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 63717	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

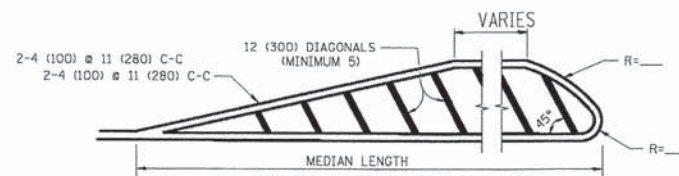
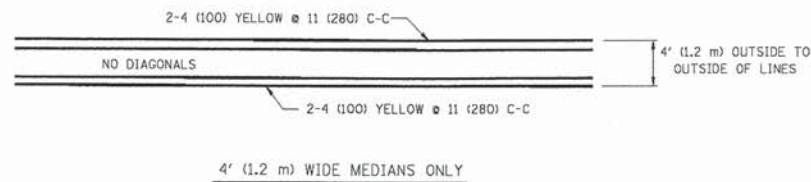


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

**TYPICAL LANE AND EDGE LINE MARKING**

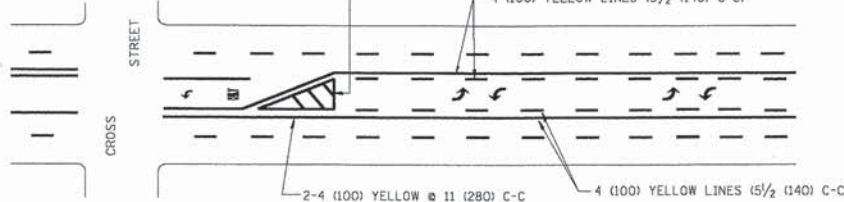


**TYPICAL CROSSWALK MARKING**

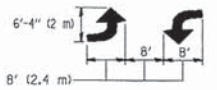


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

**MEDIANS OVER 4' (1.2 m) WIDE**

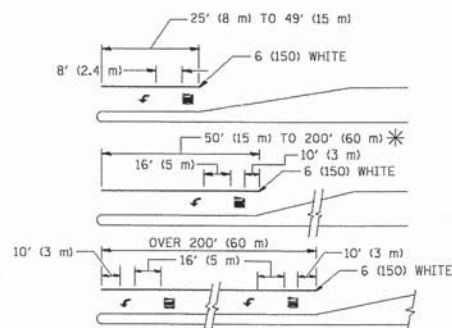


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

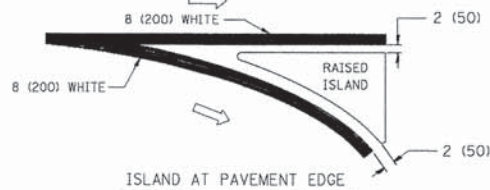
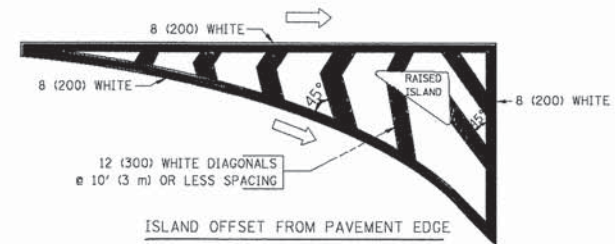


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* 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 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 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" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <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.

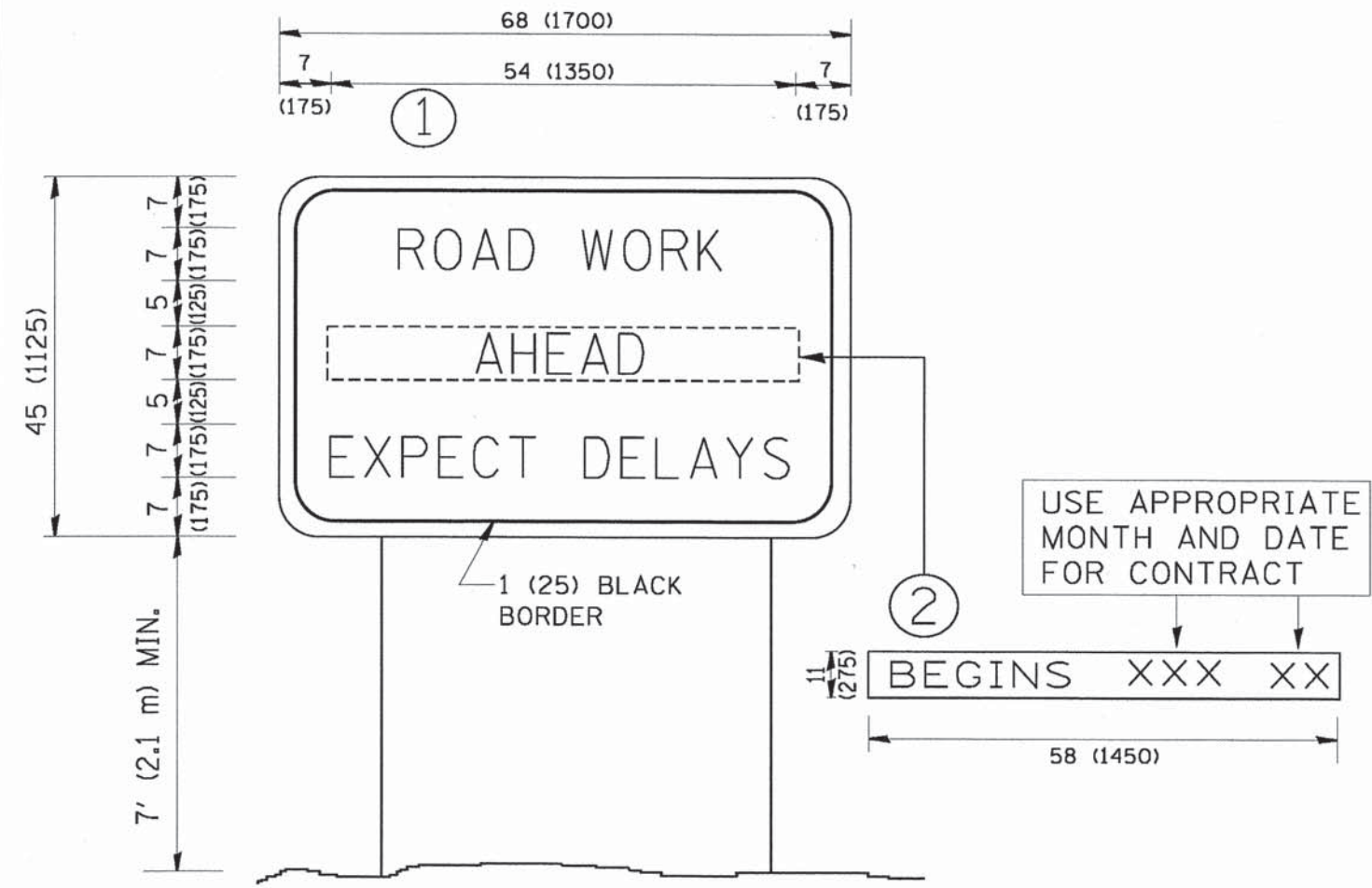
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TYPICAL PAVEMENT MARKINGS</b>			08-00097-00-BT	COOK	97	88
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	

<b>TC-13</b>		CONTRACT NO. 63717	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			





**NOTES:**

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

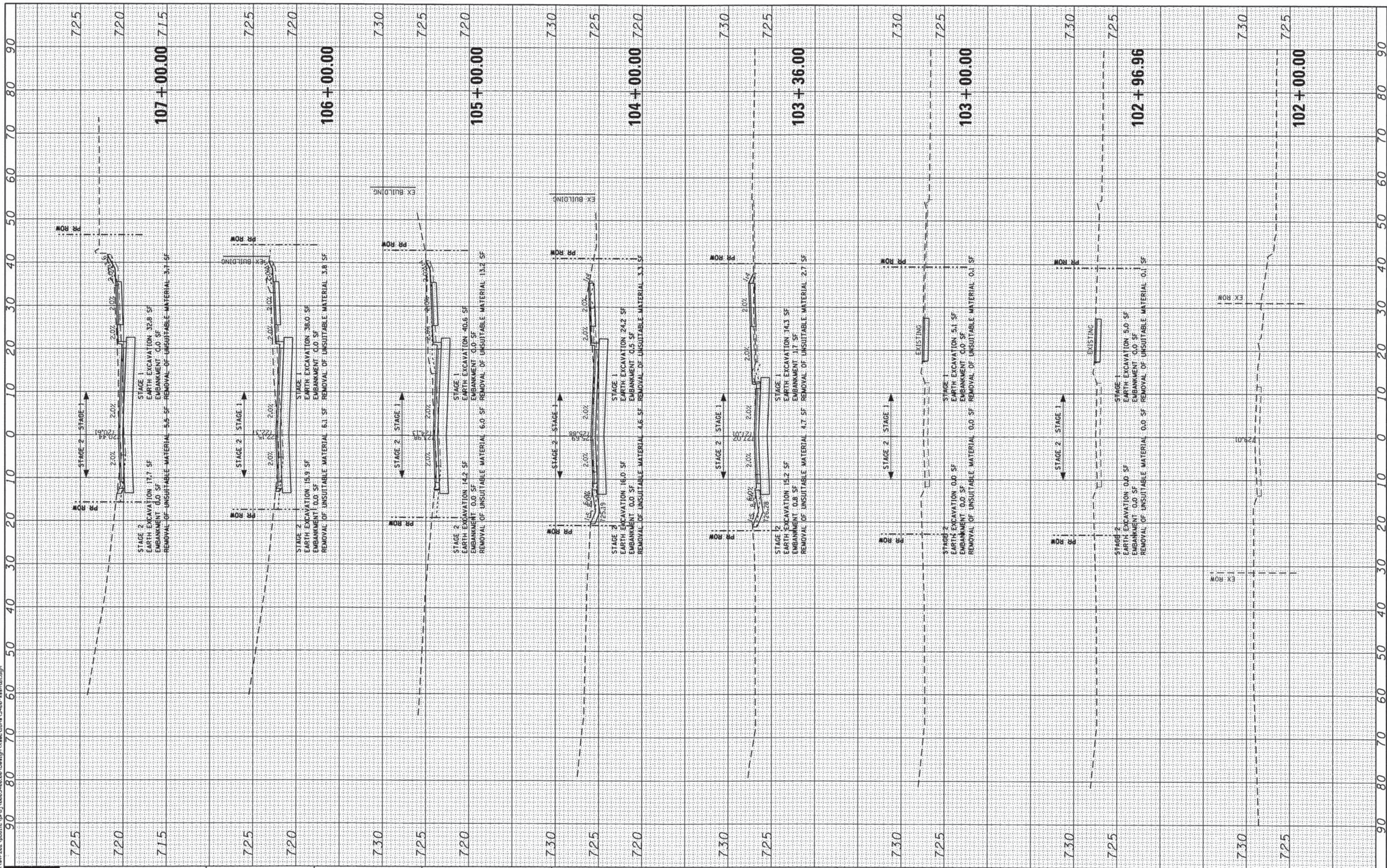
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
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**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
 3507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60656  
 Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk.jellman	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE = AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUTER DRIVE IMPROVEMENTS  
CROSS SECTIONS**

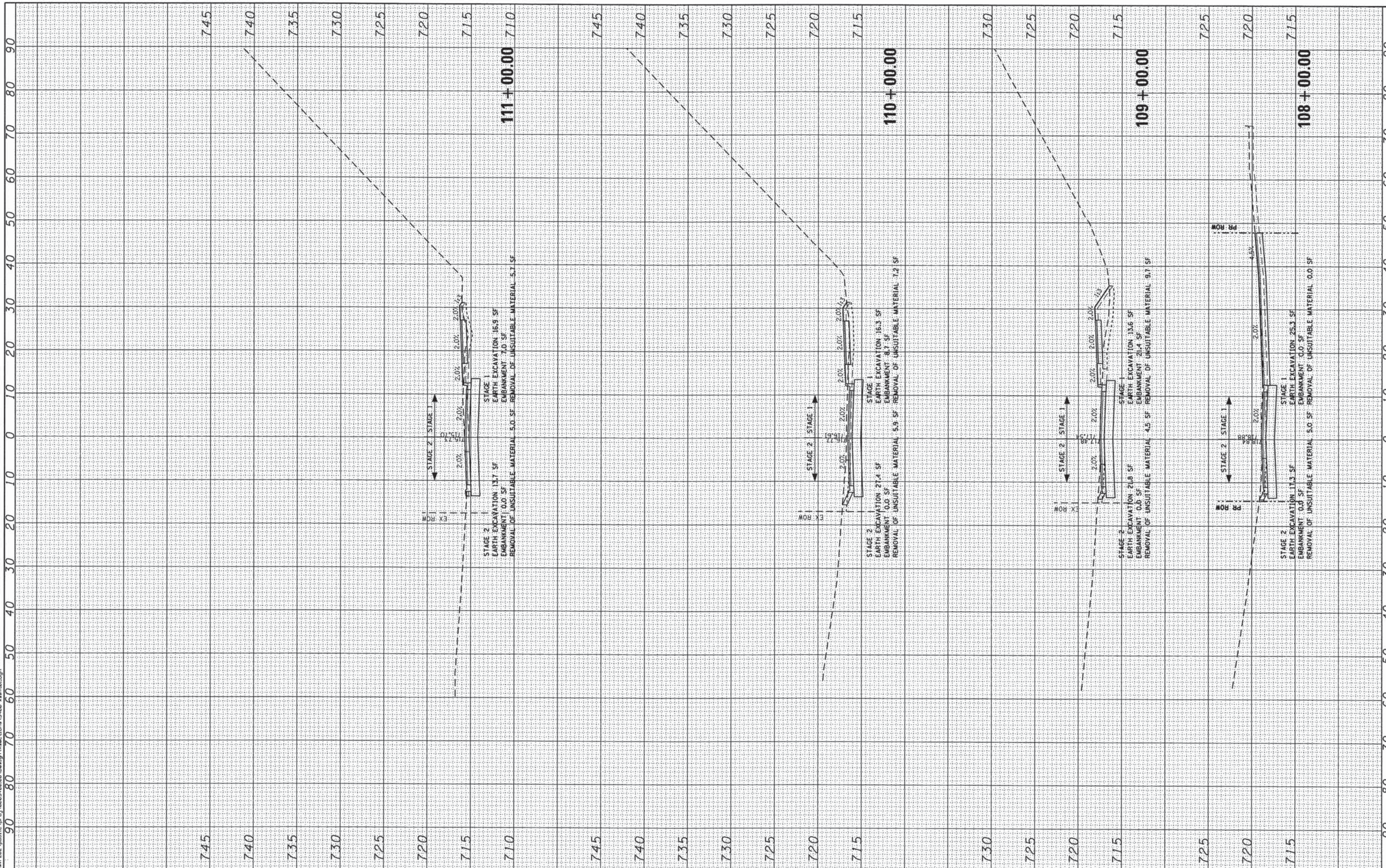
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63717				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
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NOTE BOOK		
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**CG** Ciorba Group, Inc.  
 CONSULTING ENGINEERS  
 5507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60656  
 Tel. 773.776.4009 Fax 773.776.4014

USER NAME = jk.jelinen	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

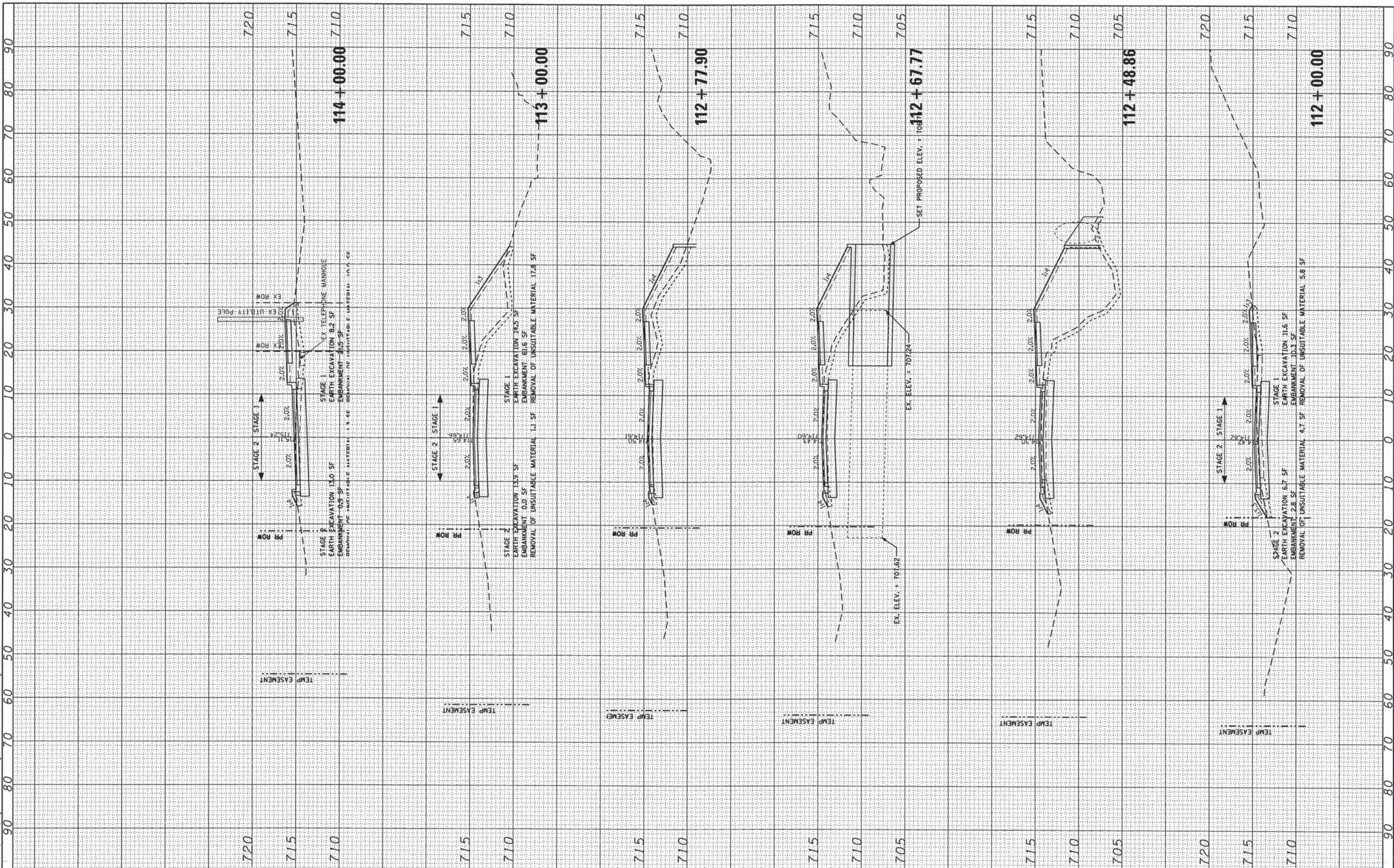
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F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 63717	

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NOTE BOOK	PLOTTED		
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**Ciorba Group, Inc.**  
CONSULTING ENGINEERS  
5607 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60655  
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkajman	DESIGNED -	REVISED -
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	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

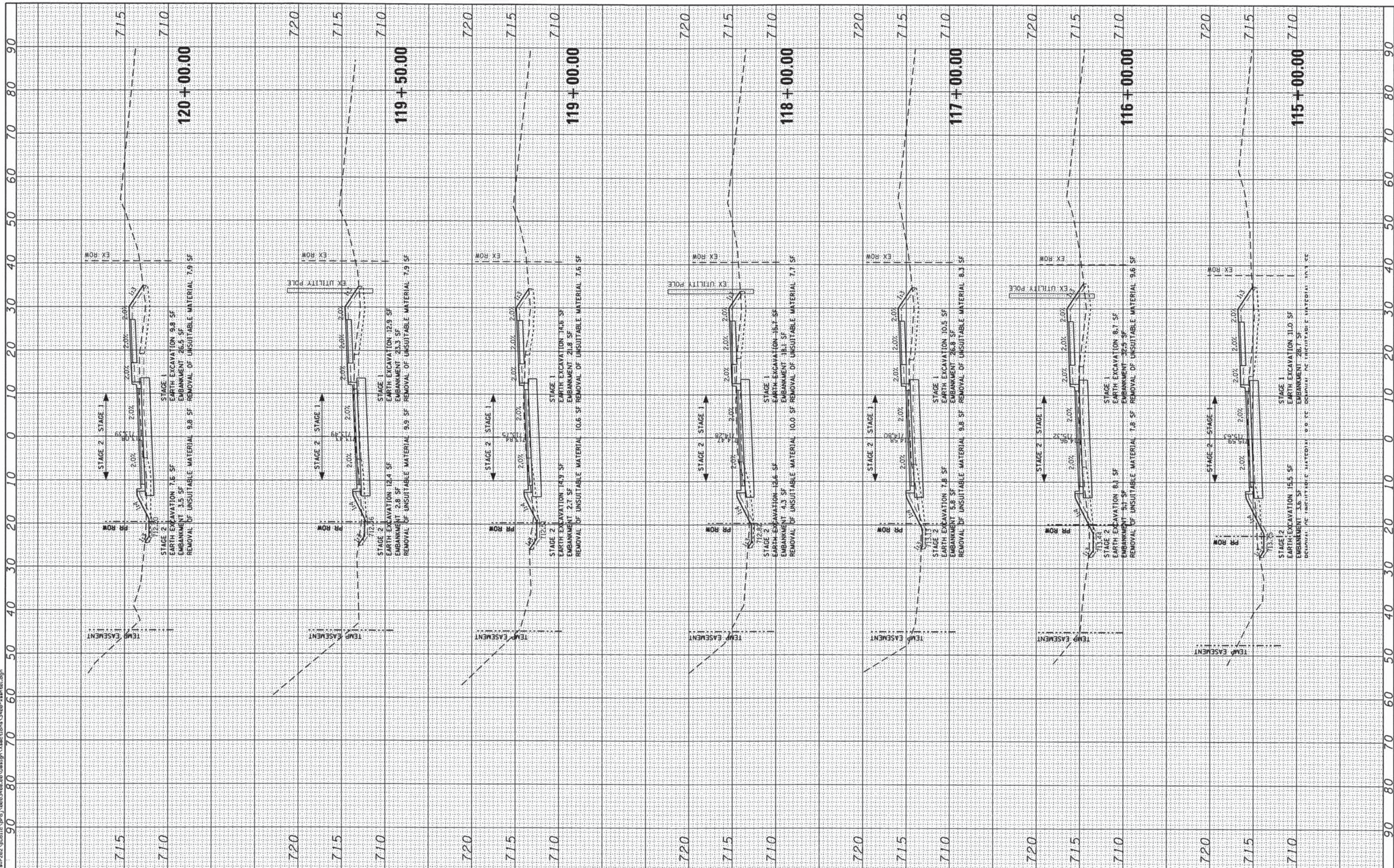
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63717	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS CHECKED		
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ORIGINAL SURVEY	BY	DATE
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**Ciorba Group, Inc.**  
CONSULTING ENGINEERS  
5507 North Cumberland Avenue, Suite 402  
Chicago, Illinois 60656  
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkjeilman	DESIGNED -	REVISION -
DESIGNED -	DRAWN -	REVISION -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

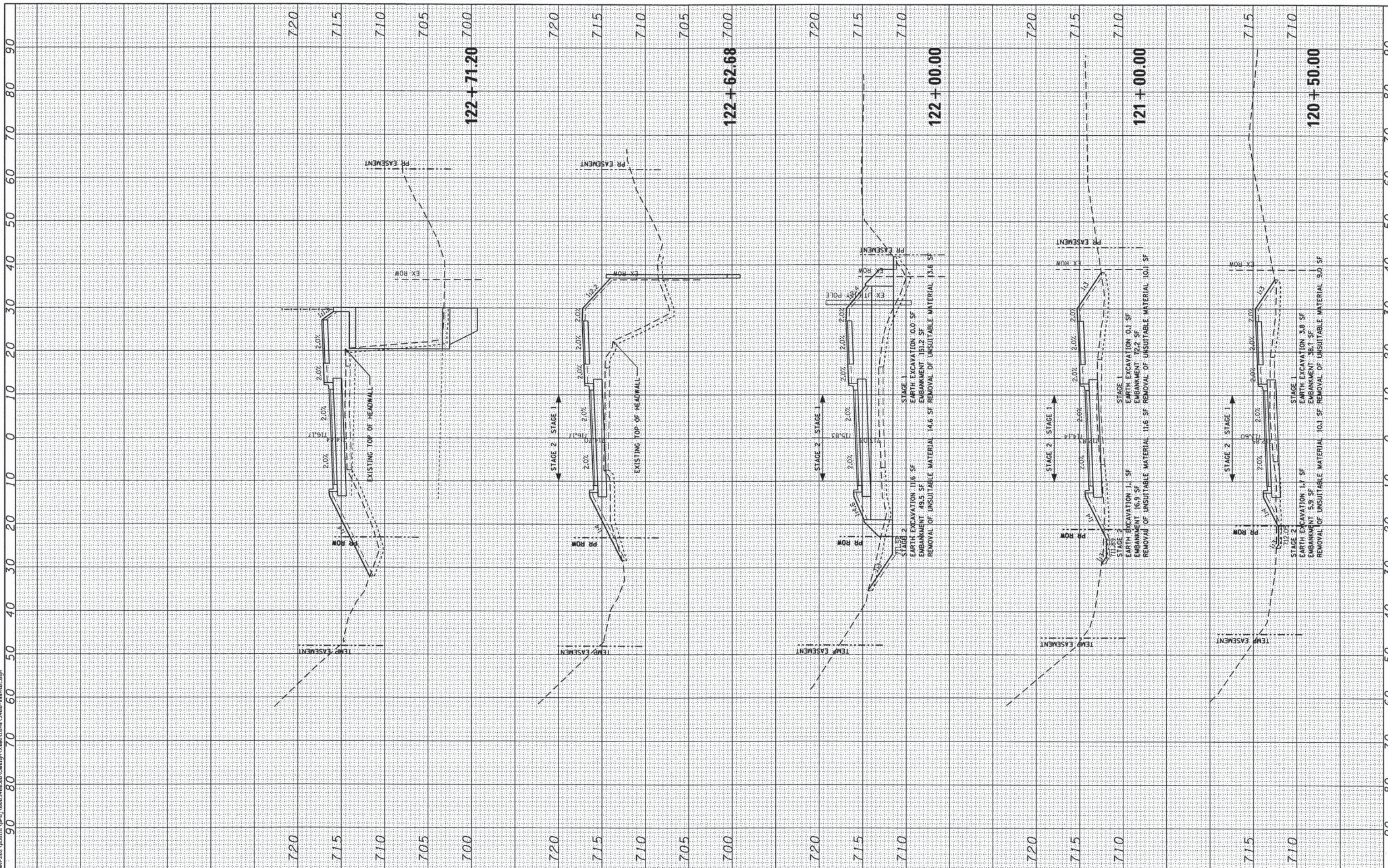
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FED. ROAD DIST. NO. - ILLINOIS				FED. AID PROJECT
CONTRACT NO. 63717				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

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**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
 5507 North Cumberland Avenue, Suite 402  
 Chicago, Illinois 60658  
 Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk.yellman	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF SHEETS	STA. 120+50.00 TO STA. 122+71.20
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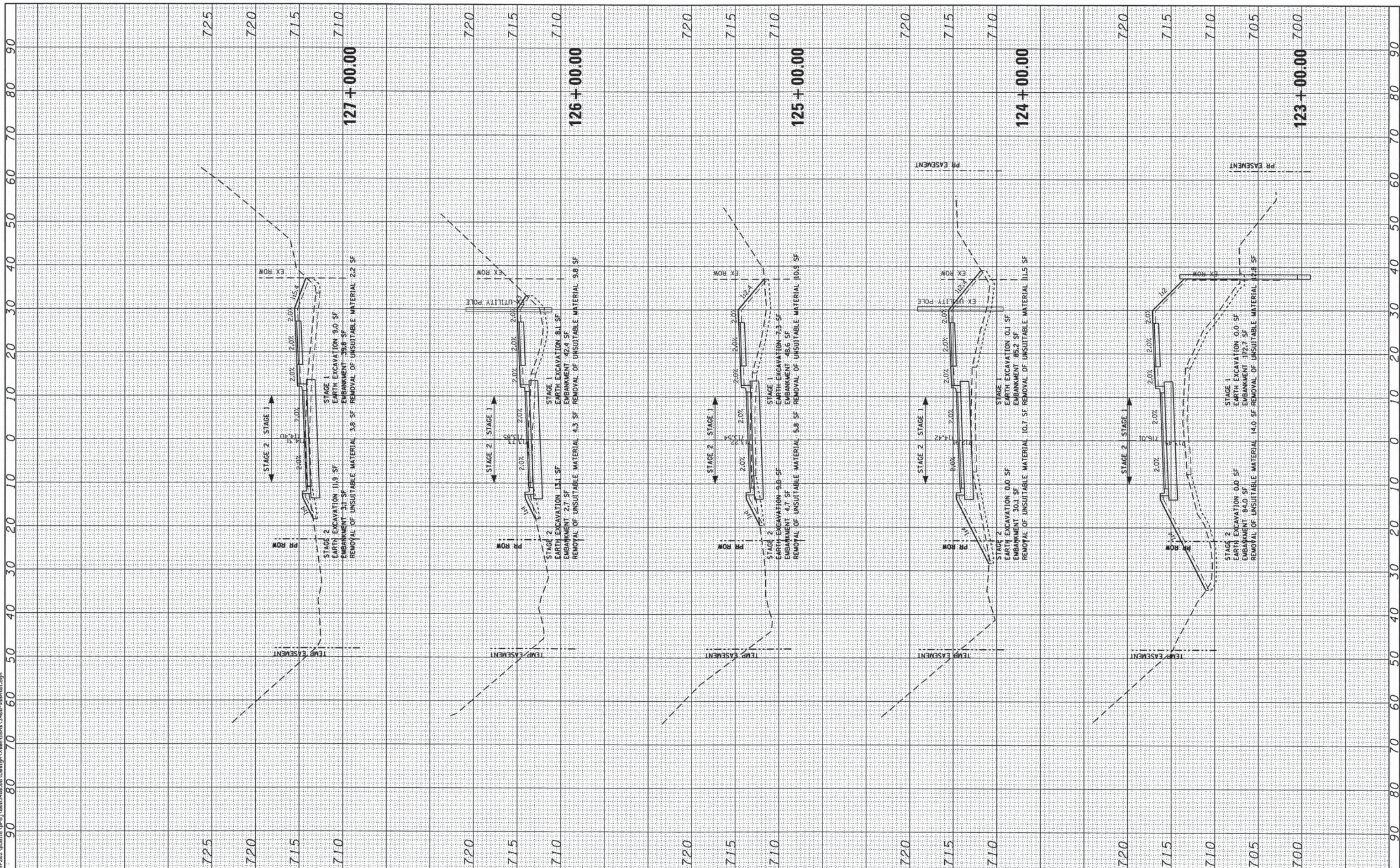
**COMMUTER DRIVE IMPROVEMENTS  
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	94
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				CONTRACT NO. 63717

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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USER NAME = jkellman	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF SHEETS	STA. 123+00.00 TO STA. 127+00.00
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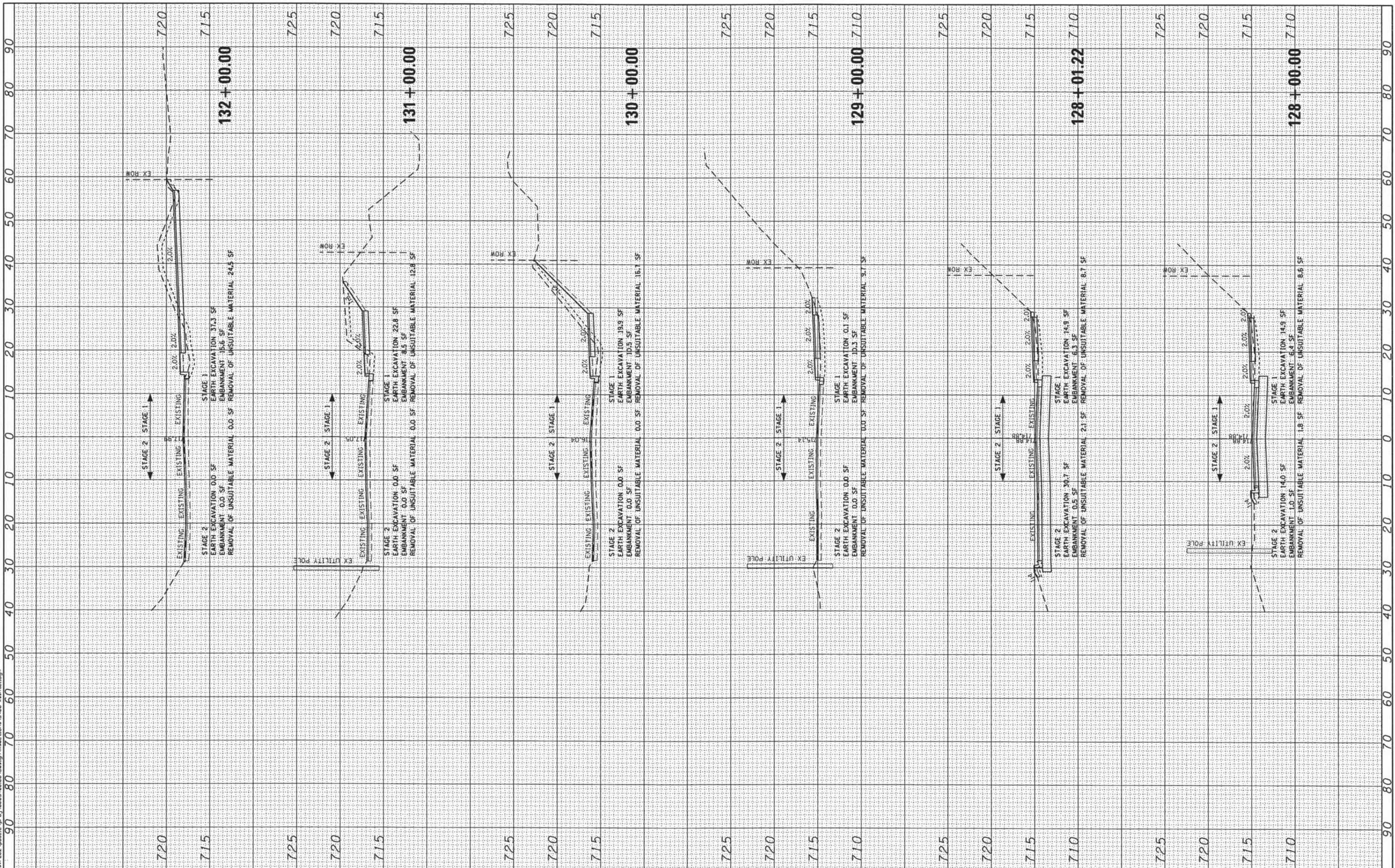
**COMMUTER DRIVE IMPROVEMENTS  
CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	95
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				CONTRACT NO. 63717

FINAL SURVEY	BY	DATE
SURVEYED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
TEMPLATE		
AREAS CHECKED		
NO.		

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USER NAME = jk_jellman	DESIGNED -	REVISED -
PLOT SCALE = 28.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET NO. OF SHEETS		STA. 128+00.00 TO STA. 132+00.00	
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**COMMUTER DRIVE IMPROVEMENTS  
 CROSS SECTIONS**

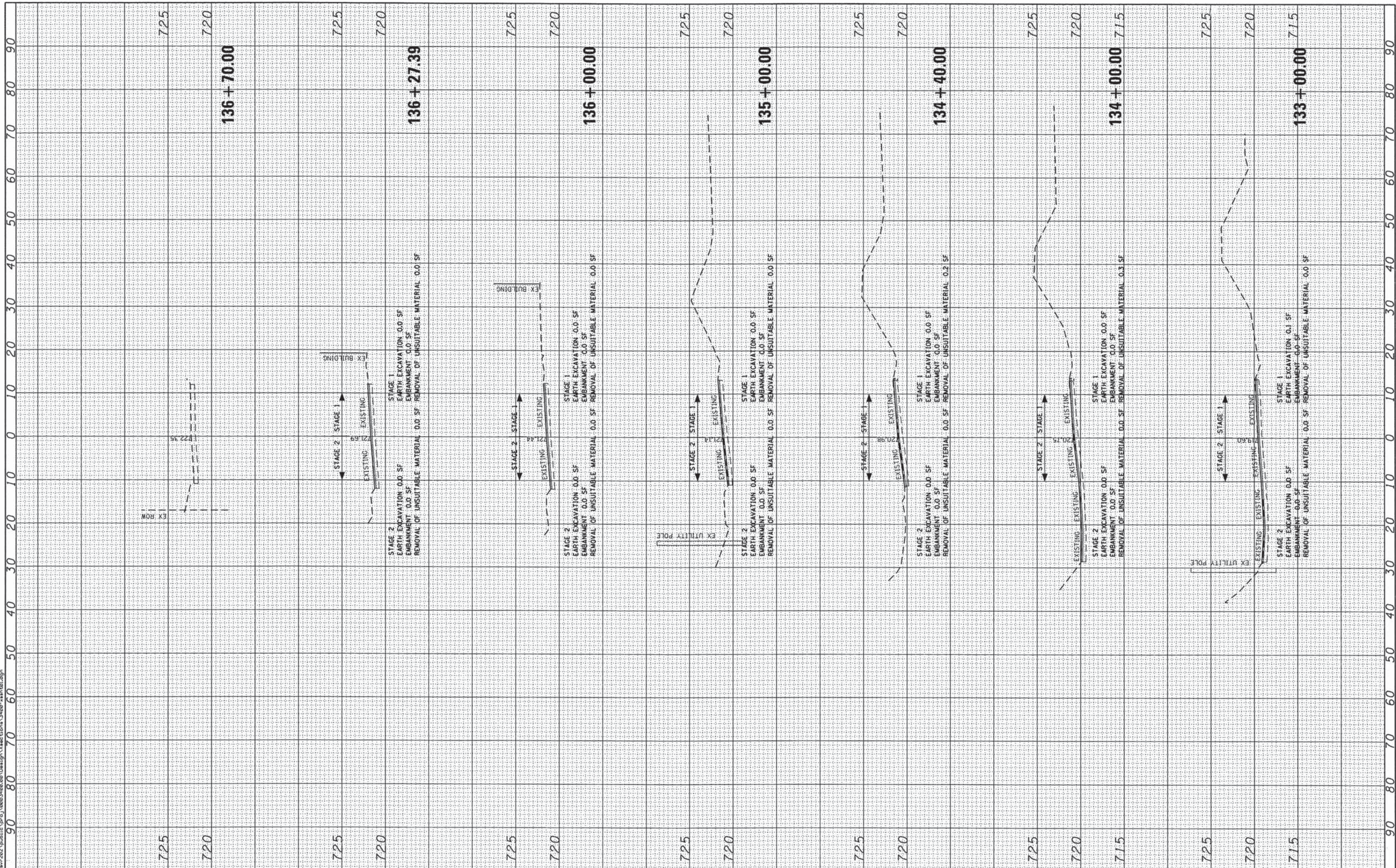
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	96
CONTRACT NO. 63717				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SUPERSED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	EXISTING	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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USER NAME = jk.jellman	DESIGNED -	REVISED -
PLOT SCALE = 20.0000" / IN.	DRAWN -	REVISED -
PLOT DATE = 7/15/2013	CHECKED -	REVISED -
	DATE - AUGUST 2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>COMMUTER DRIVE IMPROVEMENTS CROSS SECTIONS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 133+00.00 TO STA. 136+70.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00097-00-BT	COOK	97	97
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63717	