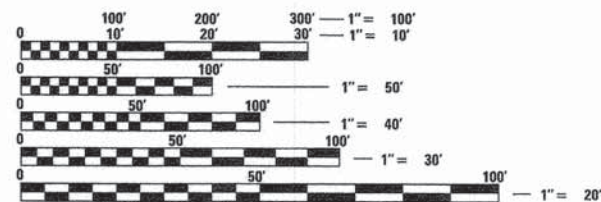


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FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

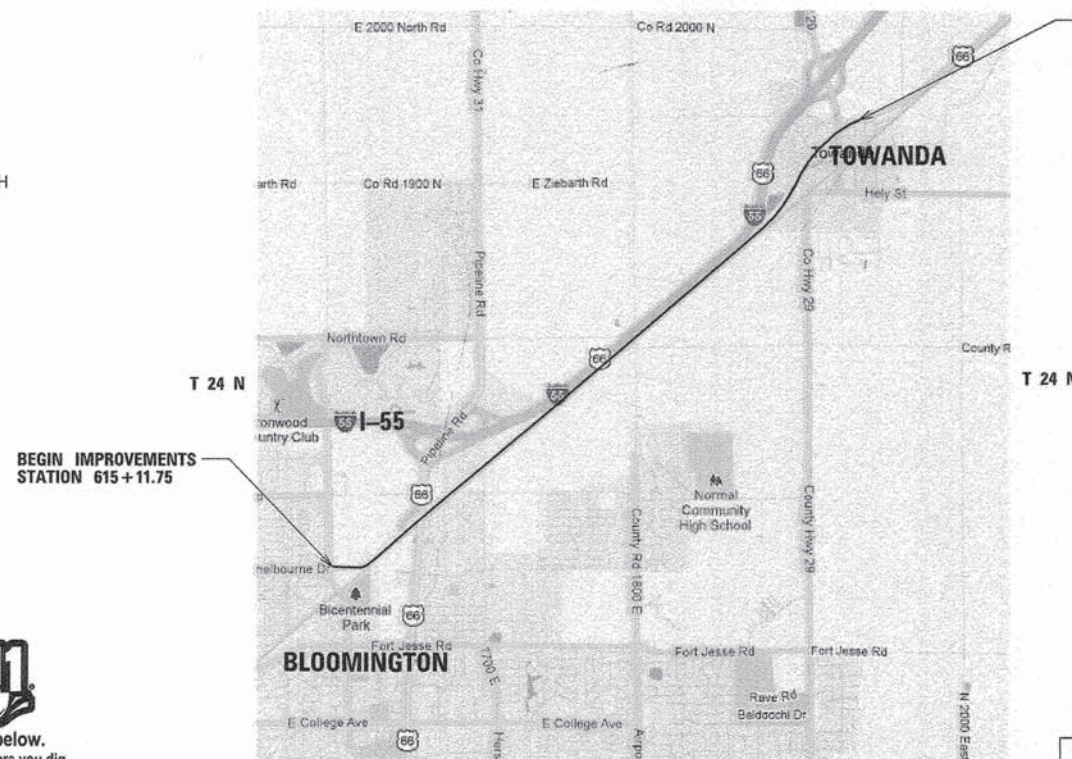
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

SEE SHEET 2 FOR LIST OF UTILITY COMPANIES.

PROJECT ENGINEER MATT HEYEN (217)788-2450
PROJECT MANAGER CINDY LOOS (309)691-0902

CONTRACT NO. 91502

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED PLANS
ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM
PROJECT TE-00D5(109)
SECTION 11-00001-02-BT
TYPE OF IMPROVEMENT - BIKEWAY
McLEAN COUNTY
JOB NUMBER C-95-342-13



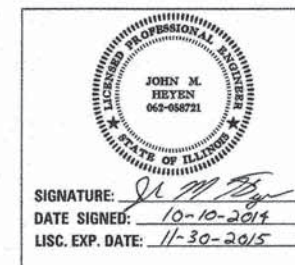
UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

R 2 E R 3 E
AREA LOCATION PLAN

NOT TO SCALE

FUNCTIONAL CLASSIFICATION = BICYCLE PATH
DESIGN DESIGNATION ADT = (<100)
DESIGN SPEED = 20 mph
GROSS LENGTH OF PROJECT = 4.53 mi. (23,913.53 FT)
NET LENGTH OF PROJECT = 4.53 mi. (23,913.53 FT)



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11-00001-02-BT		McLEAN	49	12
C-95-342-13	ILLINOIS		CONTRACT NO.	91502



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED Oct. 16, 2014
[Signature]
McLEAN COUNTY, COUNTY ENGINEER

PASSED 11/4, 2014
[Signature]
DISTRICT 5 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW
11-13, 2014
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

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HANSON #01S2024B

GENERAL NOTES:

GN 1 - ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS WILL BE SEEDED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE. TEMPORARY EROSION CONTROL SEEDING SHALL BE DONE ACCORDING TO THE PLANS AND SPECIFICATIONS.

GN 2 - IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CONSIDERED DIFFERING SITE CONDITIONS.

GN 3 - FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF EIGHT SAND BAGS PER BARRICADE.

GN 4 - DRAWINGS AND DETAILS ARE ASSUMED NOT TO SCALE UNLESS OTHERWISE NOTED.

GN 5 - ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.

GN 6 - EXCAVATION IN GRAVEL OR OIL AND CHIP ROADWAYS IS TO BE PAID AS EARTH EXCAVATION.

GN 7 - THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR BITUMINOUS SURFACE BEFORE TRAFFIC IS ALLOWED ON THE PAVEMENT.

GN 8 - SAW CUTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR THE ITEM BEING REMOVED, IF NECESSARY, IN ORDER TO CREATE A CLEAN JOINT FOR CONSTRUCTION OF THE PROPOSED ITEMS.

GN 9 - SIGN POSTS REMOVED AS PART OF A SIGN PANEL RELOCATION SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR RELOCATING THE SIGN PANEL.

GN10 - EXISTING US66 SIGNS LOCATED ALONG THE ABANDONED US66 PAVEMENT SHALL NOT BE DISTURBED. SHOULD ANY EXISTING SIGNS BE DAMAGED, IT SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE CONTRACT.

GN11 - CONTRACTOR SHALL ERECT BIKE PATH CLOSED SIGNS ALONG THE ABANDONED U.S. ROUTE 66 PAVEMENT DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

DRAINAGE NOTES:

DN 1 - BEFORE ORDERING PIPE CULVERTS, INLETS OR END SECTIONS THE CONTRACTOR SHALL VERIFY LENGTHS AND QUANTITIES REQUIRED.

DN 2 - ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY LINES WILL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR DRAINAGE STRUCTURES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DN 3 - CULVERT EXTENSIONS AS SHOWN IN THE PLANS SHALL BE EXTENDED AT THE SAME SLOPE AS THE EXISTING CULVERT.

UTILITY NOTES:

UN 1 - THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

UN 2 - THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL OBTAIN EXACT UTILITY LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE FOLLOWING STANDARD UTILITY DEPTHS WERE USED IF INFORMATION WAS UNAVAILABLE:
TELEPHONE/FIBER OPTIC - 2 FT
GAS - 2.5 FT
CABLE TV - 1.5 FT
ELECTRIC - 3 FT
SANITARY SEWER - 2.5 FT
WATER - 4 FT

UN 3 - ALL ELECTRIC LINES WILL REMAIN ENERGIZED DURING CONSTRUCTION UNLESS OTHERWISE COORDINATED WITH THE UTILITY COMPANY.

QUANTITY NOTES:

QN 1 - FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT - 112 LBS/SQ YD-IN
SUBBASE GRANULAR MATERIAL - 114 LBS/SQ YD-IN
BITUMINOUS MATERIALS (PRIME COAT):
ON PAVEMENT - 0.025 LBS/SQ FT
ON AGGREGATE BASE 0.25 LBS/SQ FT
STONE RIPRAP 1.5 TON / CU YD
EARTHWORK SHRINKAGE - 20%
TEMPORARY DITCH CHECK LENGTH PER LOCATION - 10 FT
A-2 SURFACE TREATMENT
PRIME COAT - 0.5 GAL/SQ YD
BITUMINOUS COVER COAT MATERIAL - 0.5 GAL/SQ YD
COVER COAT AGGREGATE - 25 LB/SQ YD
BITUMINOUS SEAL COAT MATERIAL - 0.5 GAL/SQ YD
SEAL COAT AGGREGATE - 25 LB/SQ YD

COMMITMENTS

COMMITMENTS AS OF JANUARY 16, 2015

COM 1 - SINCE THE GENERAL PROJECT AREA HAS BEEN RECORDED AS SUPPORTING POPULATIONS OF THE STATE LISTED KIRTLANDS'S SNAKE, WORKERS ON THE PROJECT SHOULD BE INSTRUCTED THAT ANY SNAKES ENCOUNTERED ARE NOT TO BE KILLED.

COM 2 - REGULATED SUBSTANCES HAVE BEEN IDENTIFIED WITHIN THE CONSTRUCTION LIMITS. SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION FOR DETAILS ON CONSTRUCTION REQUIREMENTS, LOCATIONS AND CONTAMINANTS.

COM 3 - EXISTING PRAIRIE HAS BEEN IDENTIFIED BETWEEN STATIONS 682+00 AND 810+00 BETWEEN THE US 66 EDGE OF SHOULDER TO THE UNION PACIFIC RAIL EMBANKMENT. THE FOLLOWING RESTRICTIONS ARE REQUIRED DURING CONSTRUCTION:

- NO PARKING VEHICLES, EQUIPMENT OR MATERIALS WITHIN THE PRAIRIE PROTECTION AREA.
- AFTER FINAL GRADING OF ANY DISTURBED AREAS WITHIN THE PRAIRIE PROTECTION AREA, IT SHALL BE SEEDED WITH CLASS 7 MODIFIED SEEDING AND MULCH USING METHOD 2 PROCEDURE 2.

COM 4 - EXISTING WETLANDS HAVE BEEN IDENTIFIED WITHIN THE PROJECT LIMITS BETWEEN STATIONS 750+00 AND 767+00. THE CONTRACTOR SHALL ERECT TEMPORARY EROSION CONTROL FENCE ALONG THE CONSTRUCTION LIMITS IN THIS LOCATION AS SHOWN ON THE PLANS AND SHALL NOT DISTURB THE WETLAND BEYOND THE CONSTRUCTION LIMITS.

UTILITY CONTACTS

CORN BELT ENERGY CORPORATION (ENGINEERING DEPT.) 1 ENERGY WAY BLOOMINGTON, IL 61705 PHONE: 309-662-5330	TOWN OF NORMAL PUBLIC WORKS ENGINEERING 100 EAST PHEONIX NORMAL, IL 61761 PHONE: 636-887-4752	FRONTIER COMMUNICATIONS DARRELL SENIOR 110 EAST MONROE STREET P.O. BOX 2675 BLOOMINGTON, IL 61702 PHONE: 309-827-1253
AMEREN IP (NORTH) MARTIN FULLER 501 EAST LAFAYETTE STREET BLOOMINGTON, IL 61701 PHONE: 618-236-6281	MEDIACOM MIKE SUITER 611 SOUTH 4TH STREET CHILOCOTHE, IL 61523 PHONE: 309-274-4500	LEVEL 3 COMMUNICATIONS BRYAN HANKINS 1025 ELDORADO BLVD. BROOMFIELD, CO 80021 PHONE: 720-480-3364
MCI BETH SEUBERT 2400 NORTH GLENVILLE DRIVE RICHARDSON, TX 75082 PHONE: 972-729-6016	COMCAST KIRK KROMPHARDT 1202 WEST DIVISION STREET NORMAL, IL 61761 PHONE: 309-686-2616	SPRINT JAMES BURTON 5600 N. RIVER RD. ROSEMONT, IL 60018 PHONE: 812-253-2168
NICOR GAS CONNIE LANE 1844 FERRY ROAD NAPERVILLE, IL 60563 PHONE: 630-388-3830	CITY OF BLOOMINGTON BRETT LUESCHEN 603 W. DIVISION STREET BLOOMINGTON, IL 61701 PHONE: 309-434-2439	USIC LOCATING SERV - ROCKFORD/EL PHONE: 314-270-2732
		TOWANDA WATER MAX PORTER 211 WEST WASHINGTON STREET TOWANDA, IL 61776 PHONE: 309-728-2800

LAYOUT	BKC	8/29/2014
DRAWN	BKC	
REVIEWED	MH	

pw2\spi-svr-306\hanson.don\hanson Projects	USER NAME *	DESIGNED - BKC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES UTILITY CONTACTS COMMITMENTS	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - MH	REVISED -										11-00001-02-BT	MCLEAN	49	2
	PLOT DATE *	DATE - 8/29/14	REVISED -										C-95-342-13		CONTRACT NO.	91502
																ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

ITEM DESCRIPTION			BICYCLE
CODE NO.	ITEM	UNIT	ROUTE 66 BIKEWAY ITEP LOCAL 11-00001-02-BT
			0028
20200100	EARTH EXCAVATION	CU YD	8215
20400800	FURNISHED EXCAVATION	CU YD	2350
20800150	TRENCH BACKFILL	CU YD	18.1
20900110	POROUS GRANULAR BACKFILL	CU YD	26.9
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	23571
25000100	SEEDING, CLASS 1	ACRE	0.25
25000310	SEEDING, CLASS 4	ACRE	4.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1.80
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1.80
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1.80
25000775	SELECTIVE MOWING STAKES	EACH	37
25100115	MULCH, METHOD 2	ACRE	4.75
25100630	EROSION CONTROL BLANKET	SQ YD	57.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	974
28000305	TEMPORARY DITCH CHECKS	FOOT	830
28000400	PERIMETER EROSION BARRIER	FOOT	2499
28000500	INLET AND PIPE PROTECTION	EACH	8
28000510	INLET FILTERS	EACH	4
31101600	SUB-BASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	23875
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5049
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	10098
40300500	COVER COAT AGGREGATE	TON	126
40300600	SEAL COAT AGGREGATE	TON	126
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	59578
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	2257
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2257
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	120
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	674
42400800	DETECTABLE WARNINGS	SQ FT	124
44000100	PAVEMENT REMOVAL	SQ YD	75

ITEM DESCRIPTION			BICYCLE
CODE NO.	ITEM	UNIT	ROUTE 66 BIKEWAY ITEP LOCAL 11-00001-02-BT
			0028
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	5150
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	17
44000600	SIDEWALK REMOVAL	SQ FT	231
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	10098
50104400	CONCRETE HEADWALL REMOVAL	EACH	8
50105220	PIPE CULVERT REMOVAL	FOOT	105
50800105	REINFORCEMENT BARS	POUND	331
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	1
54001005	BOX CULVERT END SECTIONS, CULVERT NO. 5	EACH	1
54010302	PRECAST CONCRETE BOX CULVERTS 3' X 2'	FOOT	17
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	24
54010404	PRECAST CONCRETE BOX CULVERTS 4' X 4'	FOOT	10
54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	14
542A0213	PIPE CULVERTS, CLASS A, TYPE 1 8"	FOOT	14
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	47
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	16
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	21
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	5
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
54248510	CONCRETE COLLAR	CU YD	2.70
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	41
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	168
*56400100	FIRE HYDRANTS TO BE MOVED	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60236200	INLETS, TYPE A, TYPE B GRATE	EACH	1
60240301	INLETS, TYPE B, TYPE B GRATE	EACH	2

• SPECIALTY ITEMS Δ-0042

LAYOUT	BKC	8/29/2014
DRAWN	BKC	
REVIEWED	MH	

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	PLOT SCALE =	CHECKED - MH	REVISED -
	PLOT DATE =	DATE - 8/29/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	3
	C-95-342-13			CONTRACT NO. 91502
	[ILLINOIS] FED. AID PROJECT			

SUMMARY OF QUANTITIES

ITEM DESCRIPTION			BICYCLE
CODE NO.	ITEM	UNIT	ROUTE 66 BIKEWAY ITEP LOCAL 11-00001-02-BT
			0028
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	17
*63200310	GUARDRAIL REMOVAL	FOOT	210
67100100	MOBILIZATION	L SUM	1
*66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	10
72000100	SIGN PANEL - TYPE 1	SQ FT	182
72000200	SIGN PANEL - TYPE 2	SQ FT	15
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	545
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	158.2
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1836
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1370
*81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1096
*81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	31
*81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
*81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	261
*87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1305
*87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	990.0
*87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	323.5
*87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO.6 1C	FOOT	940.0
*87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	5
*87502470	TRAFFIC SIGNAL POST, GALVANIZED STEEL 13 FT.	EACH	4
*87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1
*87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
*87800100	CONCRETE FOUNDATION, TYPE A	FOOT	30
*87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11
*87900200	DRILL EXISTING HANDHOLE	EACH	5
*88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
*88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1

* SPECIALTY ITEMS Δ= 0042

ITEM DESCRIPTION			BICYCLE
CODE NO.	ITEM	UNIT	ROUTE 66 BIKEWAY ITEP LOCAL 11-00001-02-BT
			0028
*88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1
*88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
*88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED/COUNTDOWN TIMER	EACH	6
88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED PLASTIC	EACH	6
*88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
*89502200	MODIFY EXISTING CONTROLLER	EACH	1
*89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
*X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2
X0350810	BOLLARD REMOVAL	EACH	4
X2501850	SEEDING, CLASS 7 (MODIFIED)	ACRE	3.25
X6023840	REMOVE AND RELOCATE INLETS	EACH	2
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	4
X7240505	RELOCATE SIGN PANEL AND POST	EACH	10
*X8210675	LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 400 WATT	EACH	1
Z0004002	BOLLARDS	EACH	23
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
*Z0078000	WOOD RAIL	FOOT	285
Δ Z0076600	TRAINEES	Hour	500
Δ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500

LAYOUT
DRAWN
REVIEWED
BKC
BKC
MH
8/29/2014

USER NAME =	DESIGNED - BKC	REVISED -
PLOT SCALE =	CHECKED - MH	REVISED -
PLOT DATE =	DATE - 8/29/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	4
	C-95-342-13		CONTRACT NO.	91502
	ILLINOIS FED. AID PROJECT			

LAYOUT
DRAWN
REVIEWED
BKC
BKC
MH
8/29/2014

SIGNING AND BOLLARD SCHEDULE																
LOCATION			SIGN TYPE	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SQ FT)	MUTCD CODE	HEIGHT CLEARANCE SIGN PANEL TO GROUND (FT)	72000100	72000200	X7200105	72800100	X0326899	X7240505	Z0004002	NOTE
									SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 1 (SPECIAL)	TELESCOPING STEEL SIGN SUPPORT	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	RELOCATE SIGN PANEL AND POST	BOLLARDS	
									SQ FT	SQ FT	SQ FT	FOOT	EACH	EACH	EACH	
SIGN ID	STATION	OFFSET														
US 66 BIKEWAY																
SIGNAL	615+02.00	74.00' LT	PEDESTRIAN CROSSING	0.75	1	0.75	R10-3	8	0.75							MOUNTED TO POLE #5
SIGNAL	615+03.00	14.00' RT	PEDESTRIAN CROSSING	0.75	1	0.75	R10-3	8	0.75							MOUNTED TO POLE #4
SIGNAL	616+27.00	13.00' RT	PEDESTRIAN CROSSING	0.75	1	0.75	R10-3	8	0.75							MOUNTED TO POLE #3
SIGNAL	616+33.00	60.00' LT	PEDESTRIAN CROSSING	0.75	1	0.75	R10-3	8	0.75							MOUNTED TO POLE #7
SIGNAL	616+39.00	11.00' RT	PEDESTRIAN CROSSING	0.75	1	0.75	R10-3	8	0.75							MOUNTED TO POLE #2
SIGNAL	616+39.00	11.00' RT	PEDESTRIAN CROSSING	0.75	1	0.75	R10-3	8	0.75							MOUNTED TO POLE #2
BRE1	616+52.00	10.75' RT	BIKE ROUTE	24	18	3.0	D11-1	6	3.0							MOUNTED TO TRAFFIC SIGNAL MAST ARM
			END	12	4	0.5	M4-12		0.5							MOUNTED TO TRAFFIC SIGNAL MAST ARM
SIGNAL	616+52.76	23.06' LT	LEFT TURN YIELD ON GREEN	2	2.5	6.0	R10-12	18	6.00							
SIGNAL	616+52.76	10.75' RT	SHELBOURN DRIVE	6	2.5	15.0	D-3	18		15.0						
NMV1	618+00.00	13.5' RT	NO MOTOR VEHICLES	24	24	4.0	R5-3	6	4.00			13.5				
IW1			INTERSECTION WARNING	18	18	2.5	W2-1		2.50							
SPEC1	619+00.00	13.5' RT	ROUTE 66 TRAIL	7	10	0.5	N/A	6			0.5	12.5				
SPEC2			ROUTE 66 TRAIL	7	10	0.5	N/A	6			0.5					
RS1	621+85.58	4.2' RT	EXISTING SIGN LOCATION	36.0	36.0	9.0	W1-2							1		RELOCATION CURVE AHEAD SIGN AND MOUNT ON
	621+85.58	13.5' RT	PROPOSED SIGN LOCATION													
RS2	626+76.67	5.4' RT	EXISTING SIGN LOCATION	18.0	24.0	3.0	W1-8							3		RELOCATION CHEVRON SIGN AND MOUNT ON EXISTING
	626+76.67	13.5' RT	PROPOSED SIGN LOCATION													
RS3	641+43.33	11.1' RT	EXISTING SIGN LOCATION	30.0	36.0	7.5	R2-1							1		RELOCATION SPEED LIMIT SIGN AND MOUNT ON
	641+43.33	13.5' RT	PROPOSED SIGN LOCATION													
RS4	659+97.21	4.5' RT	EXISTING SIGN LOCATION	48.0	36.0	12.0	W14-3							1		RELOCATION NO PASSING ZONE SIGN AND MOUNT ON
	659+97.21	13.5' RT	PROPOSED SIGN LOCATION													
RS5	664+71.10	3.4' RT	EXISTING SIGN LOCATION	30.0	30.0	6.3	W11-10							1		RELOCATION TRUCK SIGN AND MOUNT ON EXISTING
	664+71.10	13.5' RT	PROPOSED SIGN LOCATION													
BOLLARD	675+33.00	5' RT													1	
BOLLARD	675+87.00	5' RT													1	
BOLLARD	680+65.10	5' RT													1	
BOLLARD	681+18.52	5' RT													1	
RS6	681+92.78	8.3' RT	EXISTING SIGN LOCATION	48.0	36.0	12.0	W14-3							1		RELOCATION NO PASSING ZONE SIGN AND MOUNT ON
	681+92.78	13.5' RT	PROPOSED SIGN LOCATION													
SPEC3	690+00.00	13.5' RT	ROUTE 66 TRAIL	7	10	0.5	N/A	6			0.5	12.5				
SPEC4			ROUTE 66 TRAIL	7	10	0.5	N/A	6			0.5					
RS7	743+23.37	8.3' RT	EXISTING SIGN LOCATION	30.0	30.0	6.3	W2-2							1		RELOCATION INTERSECTION SIGN AND MOUNT ON
	743+23.37	13.5' RT	PROPOSED SIGN LOCATION													
IW2	749+00.00	13.5' RT	INTERSECTION WARNING	18	18	2.5	W2-2	6	2.50			13.0				
AW1	749+36.00	186' RT	BICYCLE WARNING	24	24	4.0	W11-1		4.00							FLUORESCENT YELLOW-GREEN
			AHEAD	24	12	2.0	W16-9P	8	2.00			16.5				FLUORESCENT YELLOW-GREEN
BW1	747+50.00	13.5' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			RIGHT ARROW	12	9	1.0	M5-1-R		1.00							
NMV2	749+50.00	13.5' RT	NO MOTOR VEHICLES	24	24	4.0	R5-3	6	4.00			13.5				
BOLLARD	749+51.00	5' RT													1	
BR1	750+50.00	40' RT	BIKE ROUTE	24	18	3.0	D11-1	8	3.00			16.0				
			DOUBLE ARROW	12	9	1.0	M7-5		1.00							
NMV3	750+98.00	13.5' RT	NO MOTOR VEHICLES	24	24	4.0	R5-3	6	4.00			13.5				
BW2	753+00.00	37.0' LT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			LEFT ARROW	12	9	1.0	M5-1-L		1.00							
BOLLARD	751+04.00	5' RT													1	
IW3	751+60.00	13.5' RT	INTERSECTION WARNING	18	18	2.5	W2-2	6	2.50			13.0				
RS8	754+15.04	9.4' RT	EXISTING SIGN LOCATION	30.0	36.0	7.5	R2-1							1		RELOCATE SPEED LIMIT SIGN AND MOUNT ON
	754+15.04	13.5' RT	PROPOSED SIGN LOCATION													
SPEC5	775+00.00	13.5' RT	ROUTE 66 TRAIL	7	10	0.5	N/A	6			0.5	12.5				
SPEC6			ROUTE 66 TRAIL	7	10	0.5	N/A	6			0.5					
AW2	796+35.00	13.5' RT	BICYCLE WARNING	24	24	4.0	W11-1		4.00				1			FLUORESCENT YELLOW-GREEN
			AHEAD	24	12	2.0	W16-9P	8	2.00							MOUNTED TO SIGNAL POST
BR2	802+00.00	13.5' RT	BIKE ROUTE	24	18	3.0	D11-1	8	3.00			16.0				
			DOUBLE ARROW	12	9	1.0	M7-5		1.00							
CA1	802+25.00	13.5' RT	CURVE AHEAD	18	18	2.5	W1-4	6	2.50			13.0				
SA1	802+50.00	13.5' RT	STOP AHEAD	18	18	2.5	W3-1	6	2.50			13.0				
BW3	803+00.00	13.5' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			DOWN ARROW	12	9	1.0	M6-2-L		1.00							
BOLLARD	803+10.00	5' RT													1	
NMV4			NO MOTOR VEHICLES	24	24	4.0	R5-3		4.00							
PPB1	803+10.00	13.5' RT	PEDESTRIAN PUSH BUTTON	12	9	1.0	R10-25	6	1.00							MOUNTED TO TRAFFIC SIGNAL POST
SS1			STOP SIGN	18	18	2.5	R1-1		2.50							
SS2	803+60.00	3.5' LT	STOP SIGN	18	18	2.5	R1-1	6	2.50							MOUNTED TO TRAFFIC SIGNAL POST
			PEDESTRIAN PUSH BUTTON	12	9	1.0	R10-25		1.00							

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USER NAME =	DESIGNED - BKC	REVISED -
CORAWN4-shr-t-scheBKC01		REVISED -
PLOT SCALE =	CHECKED - MH	REVISED -
PLOT DATE =	DATE - 8/29/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	6
	C-95-342-13			
		CONTRACT NO.	91502	
		ILLINOIS FED. AID PROJECT		

SIGNING AND BOLLARD SCHEDULE																
LOCATION			SIGN TYPE	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SQ FT)	MUTCD CODE	HEIGHT CLEARANCE SIGN PANEL TO GROUND (FT)	72000100	72000200	X7200105	72800100	X0326899	X7240505	Z0004002	NOTE
									SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 1 (SPECIAL)	TELESCOPING STEEL SIGN SUPPORT	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	RELOCATE SIGN PANEL AND POST	BOLLARDS	
									SQ FT	SQ FT	SQ FT	FOOT	EACH	EACH	EACH	
SIGN ID	STATION	OFFSET														
BOLLARD	803+62.00	5' RT													1	
NMV5	803+75.00	13.5' RT	NO MOTOR VEHICLES	24	24	4.0	R5-3	6	4.00			13.5				
BW4	803+85.00	13.5' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			DOWN ARROW	12	9	1.0	M6-2-L		1.00							
SA2	804+50.00	3.5' LT	STOP AHEAD	18	18	2.5	W3-1	6	2.50			13.0				
CA2	804+75.00	3.5' LT	CURVE AHEAD	18	18	2.5	W1-4	6	2.50			13.0				
BR3	805+00.00	3.5' LT	BIKE ROUTE	24	18	3.0	D11-1	8	3.00			16.0				
			DOUBLE ARROW	12	9	1.0	M7-5		1.00							
AW3	808+35.00	25.0' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00				1			FLUORESCENT YELLOW-GREEN
			AHEAD	24	12	2.0	W16-9P		2.00							MOUNTED TO SIGNAL POST
BOLLARD	815+30.00	5' RT													1	
BW5	815+35.00	3.5' LT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			DOWN ARROW	12	9	1.0	M6-2-L		1.00							
BOLLARD	815+70.00	5' RT													1	
BOLLARD	815+70.00	15.5' RT													1	
BW6	815+71.00	13.5' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			DOWN ARROW	12	9	1.0	M6-2-L		1.00							
BOLLARD	815+81.00	15.5' RT													1	
BOLLARD	815+90.00	15.5' RT													1	
BOLLARD	815+99.00	15.5' RT													1	
HC1	816+00.00	13.5' RT	HANDICAPPED PARKING	18	12	1.5	R7-8	8	1.50			15.0				
			\$250 FINE	12	6	0.5	R7-1101		0.50							
BOLLARD	816+07.00	15.5' RT													1	
BOLLARD	816+14.00	15.5' RT													1	
BOLLARD	816+14.00	22.0' RT													1	
BOLLARD	816+14.00	28.0' RT													1	
NMV6	816+15.00	13.5' RT	NO MOTOR VEHICLES	24	24	4.0	R5-3	6	4.00			13.5				
NMV7	824+00.00	13.5' RT	NO MOTOR VEHICLES	24	24	4.0	R5-3	6	4.00			13.5				
BOLLARD	824+57.00	5' RT													1	
BOLLARD	838+92.00	5' RT													1	
BW7	839+00.00	3.5' LT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			DOWN ARROW	12	9	1.0	M6-2-L		1.00							
BW8	839+35.00	13.5' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			DOWN ARROW	12	9	1.0	M6-2-L		1.00							
BOLLARD	839+43.00	5' RT													1	
BW11	847+50.00	110.0' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			LEFT ARROW	12	9	1.0	M5-1-L		1.00							
SPEC7	851+00.00	3.5' LT	ROUTE 66 TRAIL	7	10	0.5	N/A	6			0.5	12.5				
SPEC8	851+00.00	3.5' LT	ROUTE 66 TRAIL	7	10	0.5	N/A	6			0.5					
IW4	851+25.00	3.5' LT	INTERSECTION WARNING	18	18	2.5	W2-1	6	2.50			13.0				
BW9	851+50.00	3.5' LT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			DOWN ARROW	12	9	1.0	M6-2-R		1.00							
NMV8	851+50.00	3.5' LT	NO MOTOR VEHICLES	24	24	4.0	R5-3	6	4.00							
BOLLARD	851+95.00	5' RT													1	
BR4	852+80.00	90.0' LT	BIKE ROUTE	24	18	3.0	D11-1	8	3.00			16.0				
			DOUBLE ARROW	12	9	1.0	M7-5		1.00							
BOLLARD	853+53.00	5' RT													1	
BW10	853+70.00	13.5' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			DOWN ARROW	12	9	1.0	M6-2-R		1.00							
NMV9	854+00.00	3.5' LT	NO MOTOR VEHICLES	24	24	4.0	R5-3	6	4.00							
IW5	854+00.00	3.5' LT	INTERSECTION WARNING	18	18	2.5	W2-1	6	2.50			13.0				
AW4	854+30.00	185.0' LT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			AHEAD	24	12	2.0	W16-9P		2.00							
BW12	857+00.00	45.0' RT	BICYCLE WARNING	24	24	4.0	W11-1	8	4.00			16.5				FLUORESCENT YELLOW-GREEN
			RIGHT ARROW	12	9	1.0	M5-1-R		1.00							
TOTAL									182	15	4	545	2	10	23	

LAYOUT	BKC	8/29/2014
DRAWN	BKC	
REVIEWED	MH	

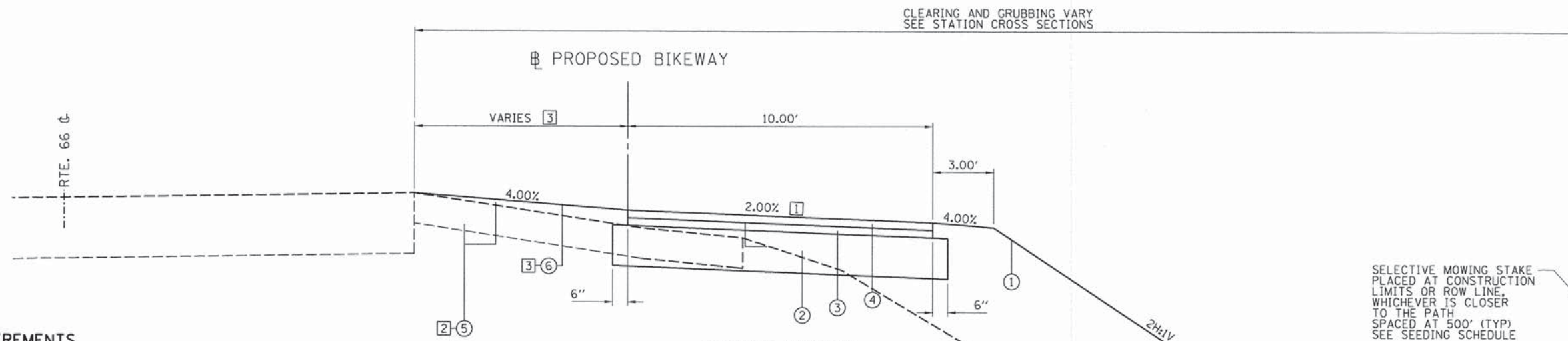
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PLOT SCALE *	CHECKED - MH	REVISED -
PLOT DATE *	DATE - 8/29/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	7
	C-95-342-13	CONTRACT NO.	91502	
	ILLINOIS FED. AID PROJECT			



TYPICAL SECTION

STA. 620+18.24 TO STA. 649+50.67

*STA. 649+50.67 TO STA. 651+02.93

** STA. 654+45.02 TO STA. 655+76.09

STA. 655+76.09 TO STA. 749+63.36

*** STA. 749+63.36 TO STA. 750+91.53

STA. 750+91.53 TO STA. 803+01.22

- (TRANSITION TO BRIDGE PIER SECTION)
- (TRANSITION FROM BRIDGE PIER SECTION)
- AIRPORT RD. INTERSECTION OMISSION

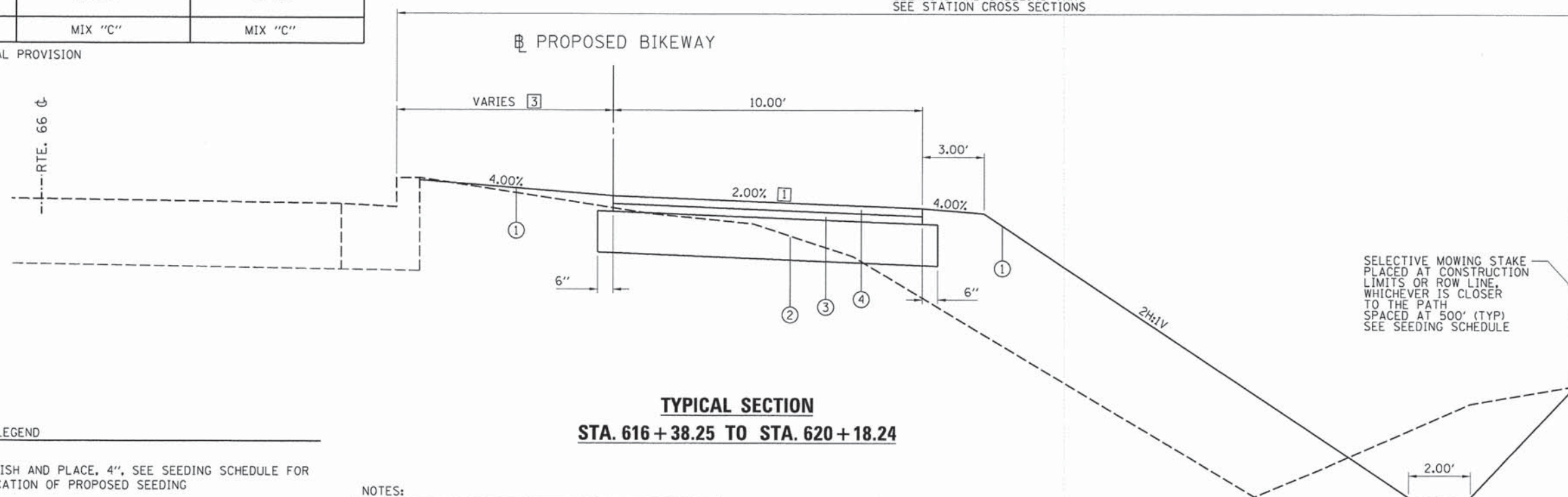
SELECTIVE MOWING STAKE PLACED AT CONSTRUCTION LIMITS OR ROW LINE, WHICHEVER IS CLOSER TO THE PATH SPACED AT 500' (TYP) SEE SEEDING SCHEDULE

MATCH EXISTING DITCH ELEVATION SEE CROSS SECTIONS

MIXTURE REQUIREMENTS

LOCATION	U.S. ROUTE 66 BIKEWAY	U.S. ROUTE 66 BIKEWAY
MIXTURE USE (S):	SURFACE COURSE	F.G. LEVELING BINDER
AC/PG:	PG 64-22	PG 64-22
RAP % (MAX):	+	+
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIX "C"	MIX "C"

+ - SEE RAP/RAS SPECIAL PROVISION



TYPICAL SECTION

STA. 616+38.25 TO STA. 620+18.24

SELECTIVE MOWING STAKE PLACED AT CONSTRUCTION LIMITS OR ROW LINE, WHICHEVER IS CLOSER TO THE PATH SPACED AT 500' (TYP) SEE SEEDING SCHEDULE

MATCH EXISTING DITCH ELEVATION SEE CROSS SECTIONS

TYPICAL SECTION LEGEND

- ① TOPSOIL FURNISH AND PLACE, 4", SEE SEEDING SCHEDULE FOR TYPE AND LOCATION OF PROPOSED SEEDING
- ② SUB-BASE GRANULAR MATERIAL, TYPE B 8"
- ③ LEVELING BINDER (MACHINE METHOD), IL 9.5FG, N50 1 1/2"
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑤ EXISTING SHOULDER REMOVAL, AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ BITUMINOUS SURFACE TREATMENT CLASS A-2

NOTES:

- ① SEE PLAN SHEETS FOR PAVEMENT TRANSITIONS TO EXISTING ROADWAY SURFACES.
- ② EXISTING SHOULDER REMOVAL SHALL BE PAID FOR AS EARTH EXCAVATION.
- ③ SEE STATION CROSS SECTIONS. 5.00' MINIMUM
- ④ CRUSHED LIMESTONE SHALL BE USED FOR COVER AND SEAL COAT AGGREGATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	8
	C-95-342-13			CONTRACT NO. 91502
				ILLINOIS FED. AID PROJECT

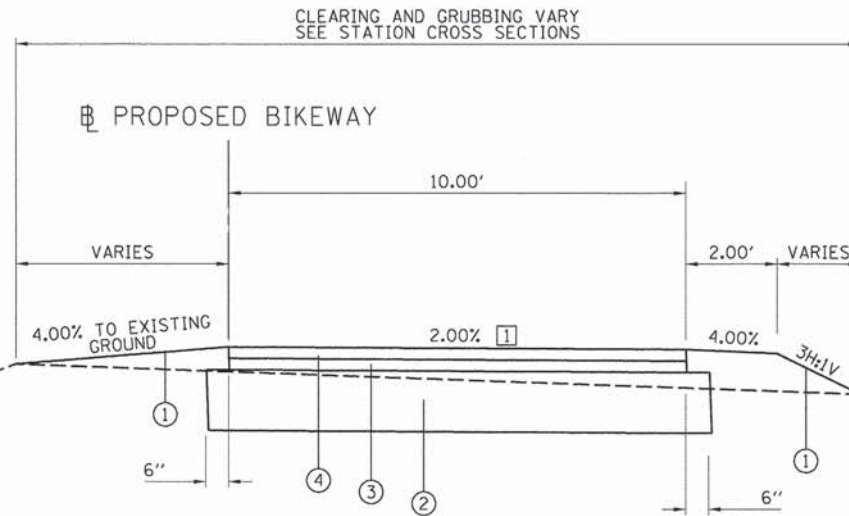
LAYOUT	BKC	8/29/2014
DRAWN	BKC	
REVIEWED	MH	

USER NAME =	DESIGNED - BKC	REVISED -
PLOT SCALE =	CHECKED - MH	REVISED -
PLOT DATE =	DATE - 8/29/14	REVISED -

MIXTURE REQUIREMENTS

LOCATION	U.S. ROUTE 66 BIKEWAY	U.S. ROUTE 66 BIKEWAY
MIXTURE USE (S):	SURFACE COURSE	F.G. LEVELING BINDER
AC/PG:	PG 64-22	PG 64-22
RAP % (MAX):	+	+
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIX "C"	MIX "C"

+ - SEE RAP/RAS SPECIAL PROVISION



TYPICAL SECTION

* STA. 803+01.22 TO STA. 803+96.39

STA. 803+96.39 TO STA. 809+77.22

** STA. 849+78.86 TO STA. 851+01.88

STA. 851+01.88 TO STA. 852+05.01

*** STA. 852+05.01 TO STA. 853+44.00

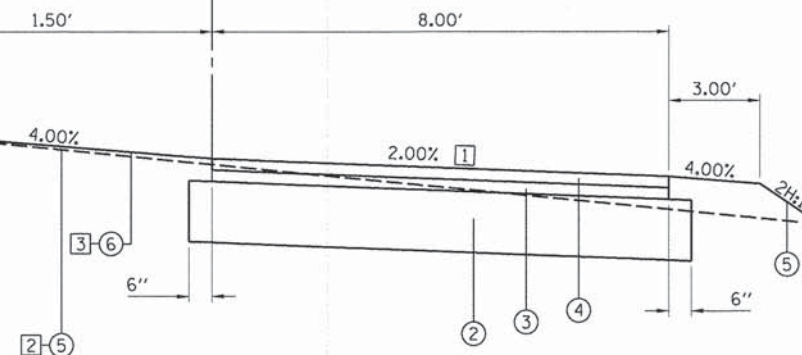
STA. 853+44.00 TO STA. 854+25.30

- US 66 ROADWAY CROSSING
- TRANSITION OFF ABANDONED US 66 PAVEMENT
- JEFFERSON ST INTERSECTION OMISSION

RTE. 66

BRIDGE PIER

PROPOSED BIKEWAY



TYPICAL SECTION LEGEND

- ① TOPSOIL FURNISH AND PLACE, 4", SEE SEEDING SCHEDULE FOR TYPE AND LOCATION OF PROPOSED SEEDING
- ② SUB-BASE GRANULAR MATERIAL, TYPE B 8"
- ③ LEVELING BINDER (MACHINE METHOD), IL 9.5FG, N50 1 1/2"
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑤ EXISTING SHOULDER REMOVAL, AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ BITUMINOUS SURFACE TREATMENT CLASS A-2

NOTES:

- ① SEE PLAN SHEETS FOR PAVEMENT TRANSITIONS TO EXISTING ROADWAY SURFACES.
- ② EXISTING SHOULDER REMOVAL SHALL BE PAID FOR AS EARTH EXCAVATION.
- ③ SEE STATION CROSS SECTIONS. 5.00' MINIMUM
- ④ CRUSHED LIMESTONE SHALL BE USED FOR COVER AND SEAL COAT AGGREGATE

TYPICAL SECTION

STA. 651+02.93 TO STA. 654+45.02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	9
	C-95-342-13			

ILLINOIS FED. AID PROJECT

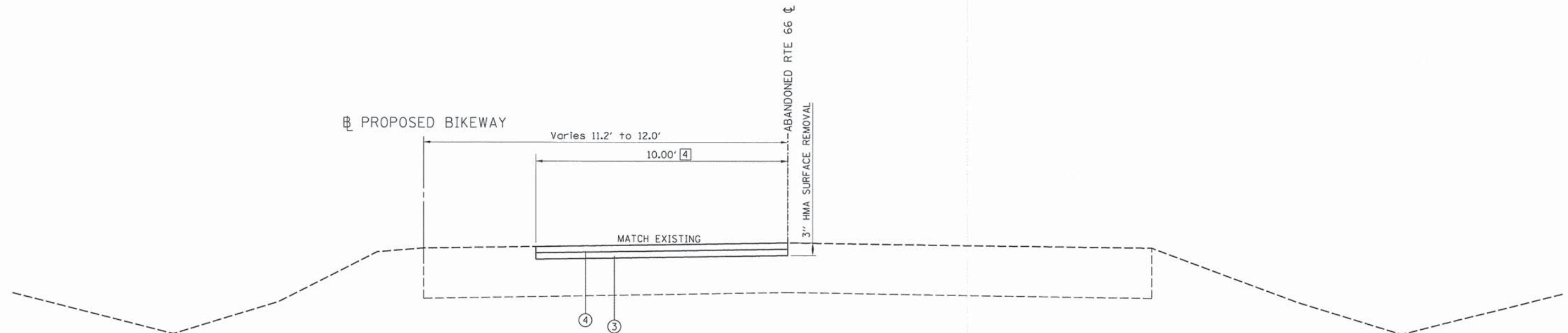
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USER NAME *	DESIGNED - BKC	REvised -
PLOT SCALE *	CHECKED - MH	REvised -
PLOT DATE *	DATE - 8/29/14	REvised -

MIXTURE REQUIREMENTS

LOCATION	U.S. ROUTE 66 BIKEWAY	U.S. ROUTE 66 BIKEWAY
MIXTURE USE (S):	SURFACE COURSE	F.G. LEVELING BINDER
AC/PG:	PG 64-22	PG 64-22
RAP % (MAX):	+	+
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIX "C"	MIX "C"

+ - SEE RAP/RAS SPECIAL PROVISION



TYPICAL SECTION LEGEND

- ① TOPSOIL FURNISH AND PLACE, 4", SEE SEEDING SCHEDULE FOR TYPE AND LOCATION OF PROPOSED SEEDING
- ② SUB-BASE GRANULAR MATERIAL, TYPE B 8"
- ③ LEVELING BINDER (MACHINE METHOD), IL 9.5FG, N50 1 1/2"
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑤ EXISTING SHOULDER REMOVAL, AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ BITUMINOUS SURFACE TREATMENT CLASS A-2

TYPICAL SECTION

STA. 809+77.22 TO STA. 849+78.86

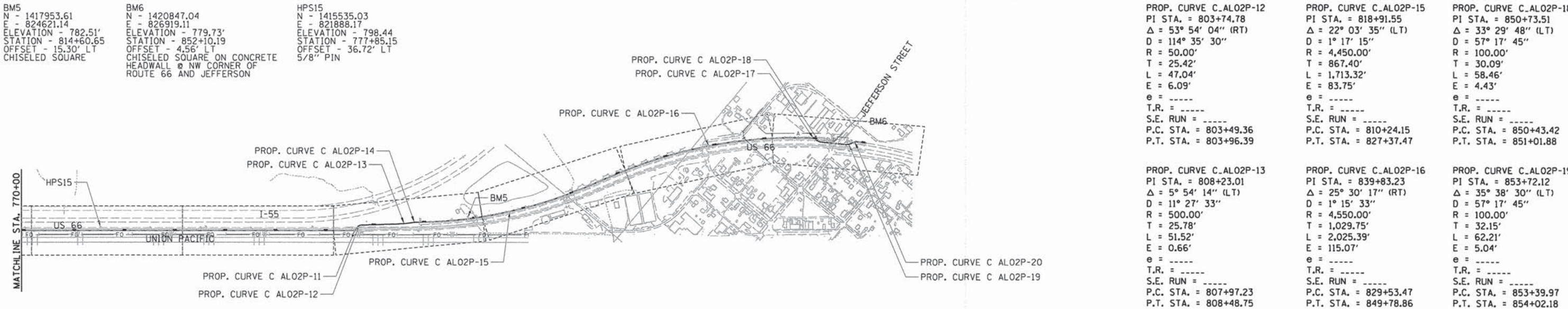
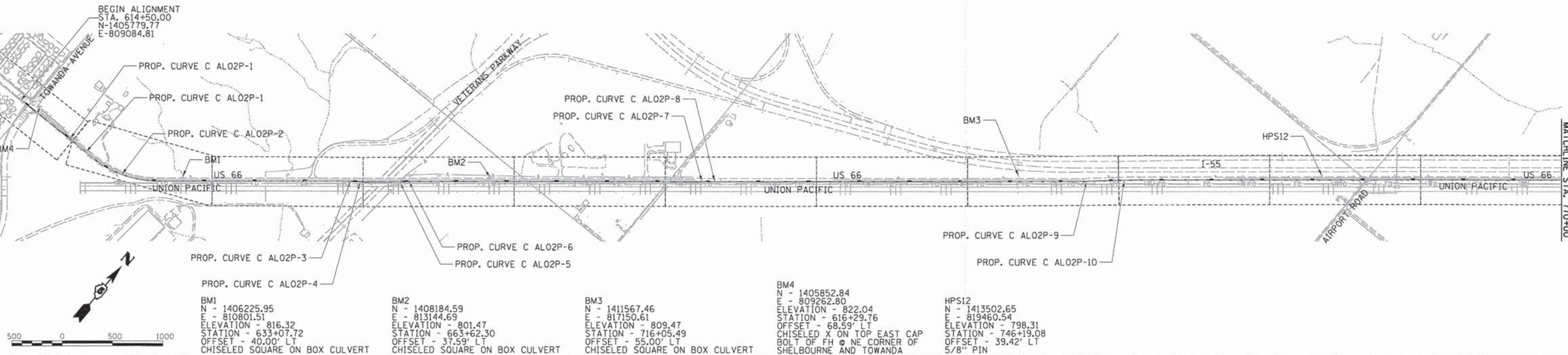
NOTES:

- 1 SEE PLAN SHEETS FOR PAVEMENT TRANSITIONS TO EXISTING ROADWAY SURFACES.
- 2 EXISTING SHOULDER REMOVAL SHALL BE PAID FOR AS EARTH EXCAVATION.
- 3 SEE STATION CROSS SECTIONS. 5.00' MINIMUM
- 4 MATCH EXISTING PAVEMENT WIDTH AT LANDSCAPING LOCATIONS NOTED ON THE PLANS.

p:\spi-svr\305.hanson.dom\Henson Projects\Documents\01Jobs\0152024B\CAD\Road\Sheet\DRAWN 48-shr-type B601	USER NAME =	DESIGNED - BKC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			REVISED -									11-00001-02-BT	MCLEAN	49	10	
	PLOT SCALE =	CHECKED - MH	REVISED -									C-95-342-13	CONTRACT NO. 91502			
	PLOT DATE =	DATE - 8/29/14	REVISED -									ILLINOIS FED. AID PROJECT				

LAYOUT	BKC	8/29/2014
DRAWN	BKC	
REVIEWED	MH	

PROP. CURVE C.ALO2P-1 PI STA. = 620+68.62 Δ = 1° 38' 50" (RT) D = 0° 34' 23" R = 10,000.00' T = 143.77' L = 287.52' E = 1.03' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 619+24.85 P.T. STA. = 622+12.37	PROP. CURVE C.ALO2P-1 PI STA. = 620+68.62 Δ = 1° 38' 50" (RT) D = 0° 34' 23" R = 10,000.00' T = 143.77' L = 287.52' E = 1.03' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 619+24.85 P.T. STA. = 622+12.37	PROP. CURVE C.ALO2P-2 PI STA. = 627+12.21 Δ = 40° 10' 33" (LT) D = 5° 33' 07" R = 1,032.00' T = 377.41' L = 723.64' E = 66.85' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 623+34.80 P.T. STA. = 630+58.44	PROP. CURVE C.ALO2P-3 PI STA. = 649+73.75 Δ = 5° 17' 11" (RT) D = 11° 27' 33" R = 500.00' T = 23.08' L = 46.13' E = 0.53' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 649+50.67 P.T. STA. = 649+96.80	PROP. CURVE C.ALO2P-4 PI STA. = 650+53.86 Δ = 5° 19' 16" (LT) D = 11° 27' 33" R = 500.00' T = 23.23' L = 46.43' E = 0.54' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 650+30.62 P.T. STA. = 650+77.06	PROP. CURVE C.ALO2P-5 PI STA. = 654+83.68 Δ = 4° 37' 48" (LT) D = 11° 27' 33" R = 500.00' T = 20.21' L = 40.41' E = 0.41' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 654+63.46 P.T. STA. = 655+03.87	PROP. CURVE C.ALO2P-6 PI STA. = 655+55.63 Δ = 4° 39' 37" (RT) D = 11° 27' 33" R = 500.00' T = 20.35' L = 40.67' E = 0.41' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 655+35.29 P.T. STA. = 655+75.96	PROP. CURVE C.ALO2P-7 PI STA. = 684+64.23 Δ = 0° 29' 34" (LT) D = 0° 22' 55" R = 15,000.00' T = 64.51' L = 129.01' E = 0.14' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 683+99.73 P.T. STA. = 685+28.74	PROP. CURVE C.ALO2P-8 PI STA. = 685+90.11 Δ = 0° 28' 08" (RT) D = 0° 22' 55" R = 15,000.00' T = 61.37' L = 122.74' E = 0.13' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 685+28.74 P.T. STA. = 686+51.47	PROP. CURVE C.ALO2P-9 PI STA. = 722+81.34 Δ = 2° 08' 30" (LT) D = 0° 34' 22" R = 10,005.00' T = 187.01' L = 373.97' E = 1.75' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 720+94.34 P.T. STA. = 724+68.31	PROP. CURVE C.ALO2P-10 PI STA. = 726+55.46 Δ = 2° 08' 44" (RT) D = 0° 34' 24" R = 9,995.00' T = 187.15' L = 374.26' E = 1.75' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 724+68.31 P.T. STA. = 728+42.57
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PROP. CURVE C.ALO2P-11 PI STA. = 803+11.81 Δ = 55° 47' 39" (RT) D = 286° 28' 44" R = 20.00' T = 10.59' L = 19.48' E = 2.63' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 803+01.22 P.T. STA. = 803+20.70	PROP. CURVE C.ALO2P-12 PI STA. = 803+23.01 Δ = 5° 54' 14" (RT) D = 11° 27' 33" R = 500.00' T = 25.78' L = 51.52' E = 0.66' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 807+97.23 P.T. STA. = 808+48.75	PROP. CURVE C.ALO2P-13 PI STA. = 808+23.01 Δ = 5° 54' 14" (RT) D = 11° 27' 33" R = 500.00' T = 25.78' L = 51.52' E = 0.66' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 807+97.23 P.T. STA. = 808+48.75	PROP. CURVE C.ALO2P-14 PI STA. = 809+25.87 Δ = 36° 59' 22" (RT) D = 11° 27' 33" R = 500.00' T = 27.12' L = 54.18' E = 0.73' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 808+98.75 P.T. STA. = 809+52.93	PROP. CURVE C.ALO2P-15 PI STA. = 850+12.31 Δ = 36° 59' 22" (RT) D = 57° 17' 45" R = 100.00' T = 33.45' L = 64.56' E = 5.45' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 849+78.86 P.T. STA. = 850+43.42	PROP. CURVE C.ALO2P-16 PI STA. = 850+12.31 Δ = 36° 59' 22" (RT) D = 57° 17' 45" R = 100.00' T = 33.45' L = 64.56' E = 5.45' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 849+78.86 P.T. STA. = 850+43.42	PROP. CURVE C.ALO2P-17 PI STA. = 854+37.08 Δ = 38° 28' 48" (RT) D = 57° 17' 45" R = 100.00' T = 34.90' L = 67.16' E = 5.92' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 854+02.18 P.T. STA. = 854+69.34	PROP. CURVE C.ALO2P-18 PI STA. = 853+72.12 Δ = 35° 38' 30" (LT) D = 57° 17' 45" R = 100.00' T = 32.15' L = 62.21' E = 5.04' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 853+39.97 P.T. STA. = 854+02.18
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LAYOUT	BKC	8/29/2014
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REVIEWED	MH	

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PLOT SCALE =	CHECKED - MH	REVISED -
PLOT DATE =	DATE - 8/29/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC CONTROL

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	C-95-342-13		CONTRACT NO.	91502
			ILLINOIS FED. AID PROJECT	

LAYOUT	BKC	8/29/2014
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REVIEWED	MH	/ /

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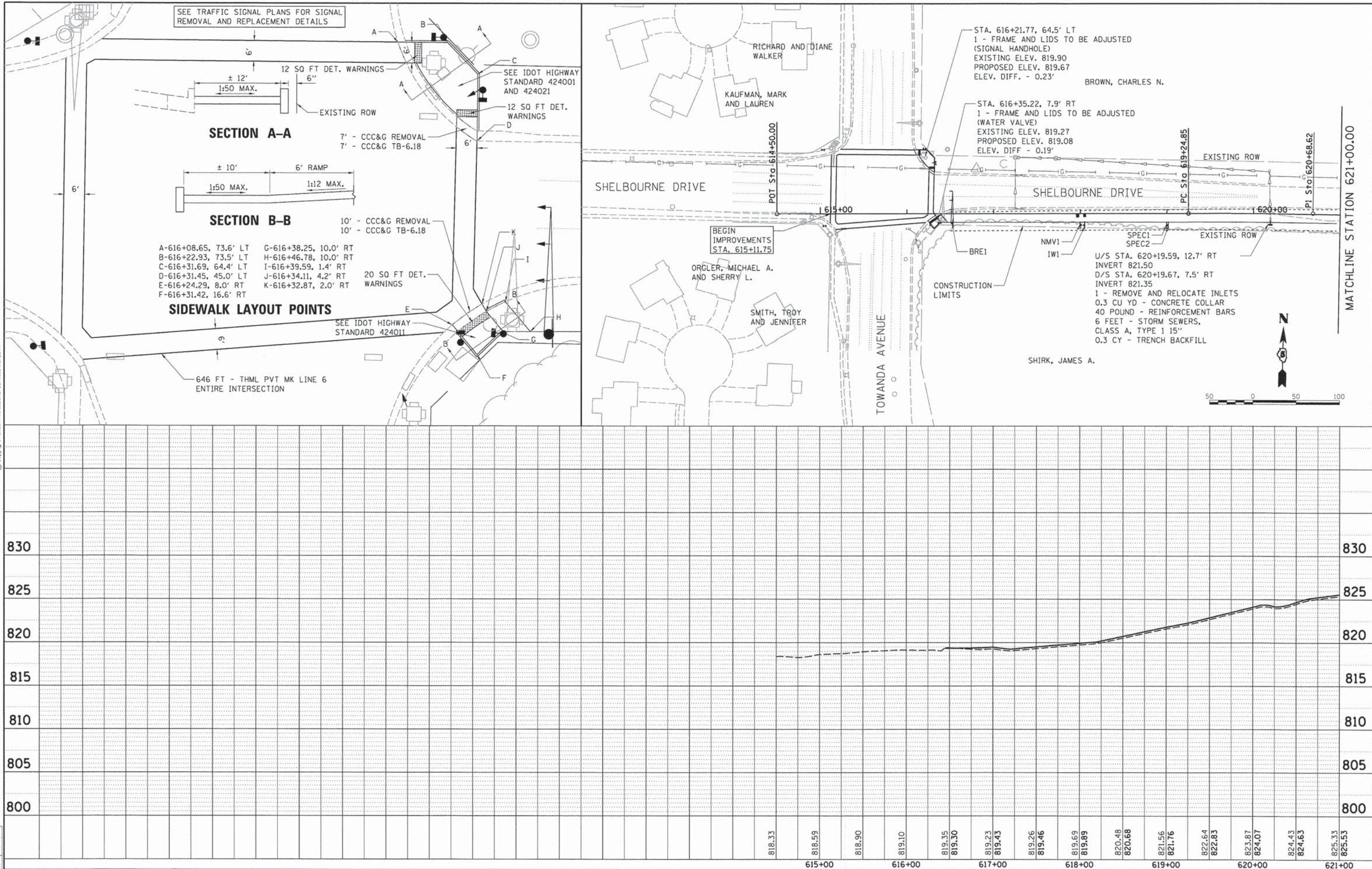
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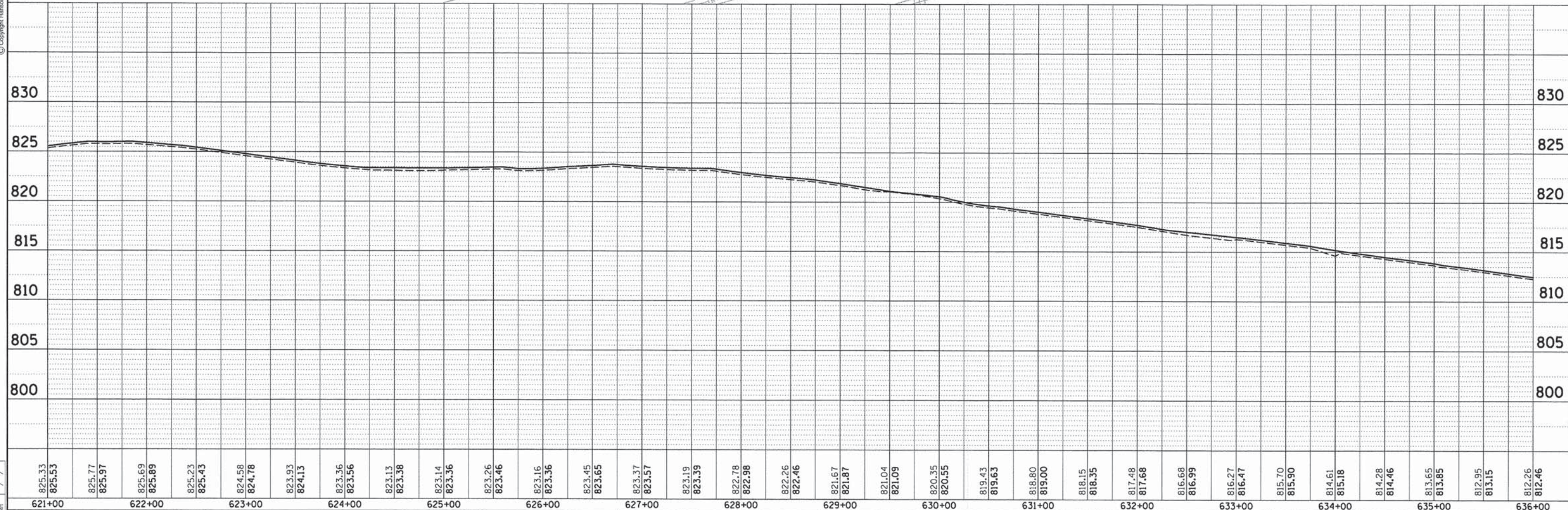
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SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	C-95-342-13	CONTRACT NO. 91502		
ILLINOIS FED. AID PROJECT				



LAYOUT	BKC	8/29/2014
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REVIEWED	MH	/ /

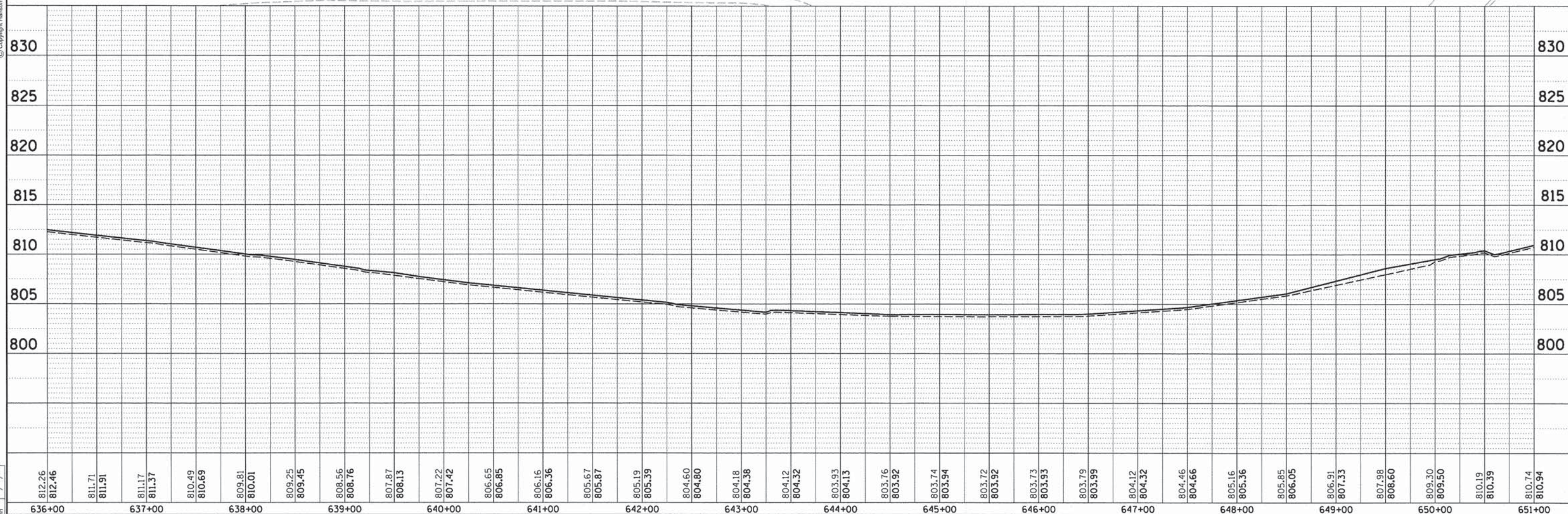
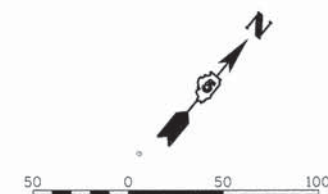
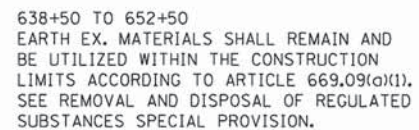


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PLOT DATE = 11/24/2014										ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION

LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	14
	C-95-342-13	CONTRACT NO. 91502		
ILLINOIS FED. AID PROJECT				

638+50 TO 652+50
EARTH EX. MATERIALS SHALL REMAIN AND
BE UTILIZED WITHIN THE CONSTRUCTION
LIMITS ACCORDING TO ARTICLE 669.09(a)(1).
SEE REMOVAL AND DISPOSAL OF REGULATED
SUBSTANCES SPECIAL PROVISION.

SEE REGULATED
SUBSTANCES NOTE

U.S. ROUTE 66

MATCHLINE STATION 651+00.00

552+50

BUSINESS I-55

PC Sto 654+63.46

655+03.87

$$655 + 35.29$$

655+55.63

PT Std 655+75.96

SHIRK, JAMES A.

STA. 662+69 TO STA. 663+94
125 FEET GUARDRAIL REMOVAL
NOTE - THE GUARDRAIL IS ATTACHED
TO THE BOX CULVERT. THE REMOVAL
OF THE BOLTS FOR THE GUARDRAIL
ATTACHED TO THE BOX CULVERT
AND THE REMOVAL OF THE SIGN MARKERS
AT THE END OF THE GUARDRAIL IS
INCLUDED IN THE COST OF GUARDRAIL
REMOVAL.

U/S STA. 663+42.24, 3.0' RT
INVERT 796.6
D/S STA. 663+42.33, 22.7' RT
INVERT 796.5
24" CONCRETE CULVERT EXTENSION
1 - CONCRETE HEADWALL REMOVAL
0.5 CU YD - CONCRETE COLLAR
50 POUND REINFORCING BARS
14 FEET - PIPE CULVERTS, CLASS A, TYPE 1 24"
1 - PRC FLARED END SECTIONS 24"
1.4 CY - TRENCH BACKFILL

BOX CULVERT EXTENSION
SEE BOX CULVERT EXTENSION
DETAILS SHEET
ASTM C 1577
STA. 663+61.76
90° SKEW
DESIGN FILL 0.55' (MAX.)

STA. 665+16.32, 14.4' RT
1 - MANHOLE TO BE ADJUSTED
EXISTING RIM ELEV. - 799.7
PROPOSED RIM ELEV. - 800.5
ELEV. DIFFERENCE - 0.8'

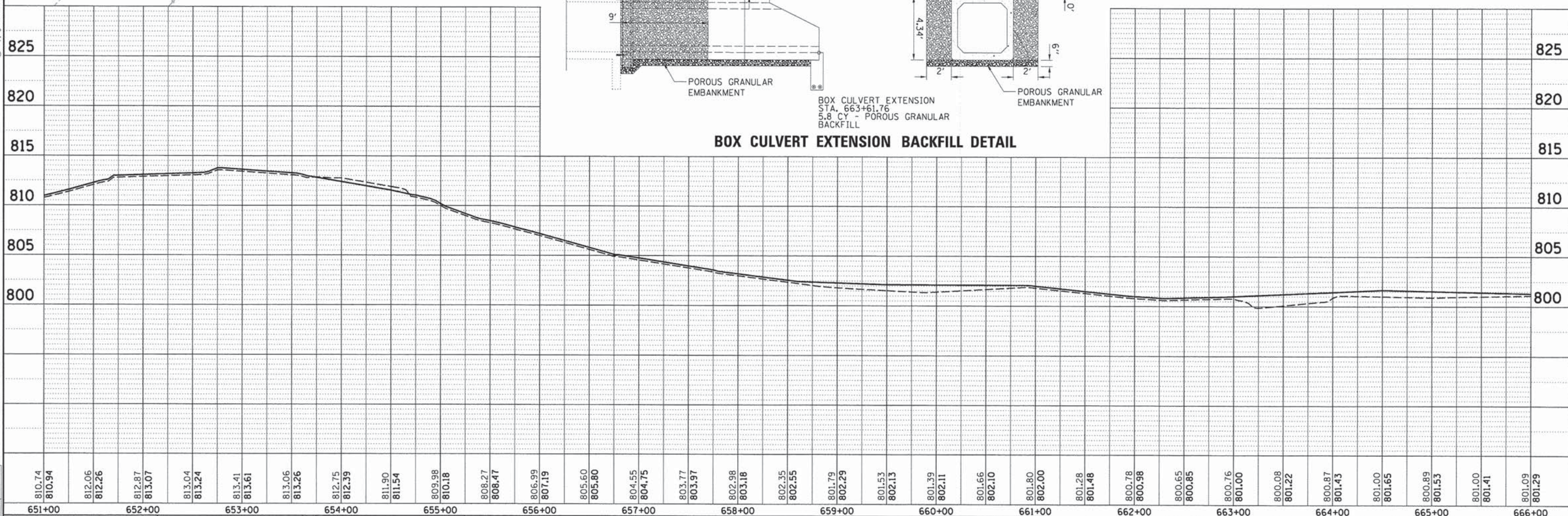
285 FEET PROPOSED WOOD RAIL
ATTACHED TO BACK OF EXISTING
GUARDRAIL ADJACENT TO PROPOSED
BIKEWAY. DO NOT PLACE ON
SECTIONS ADJACENT TO THE
CONCRETE BRIDGE PIER.
SEE MISCELLANEOUS DETAILS.

— AGGREGATE
BASE

— HMA BIKEPATH
PAVEMENT

BOX CULVERT EXTENSION
STA. 663+61.76
5.8 CY - POROUS GRANULAR
BACKFILL

BOX CULVERT EXTENSION BACKFILL DETAIL



SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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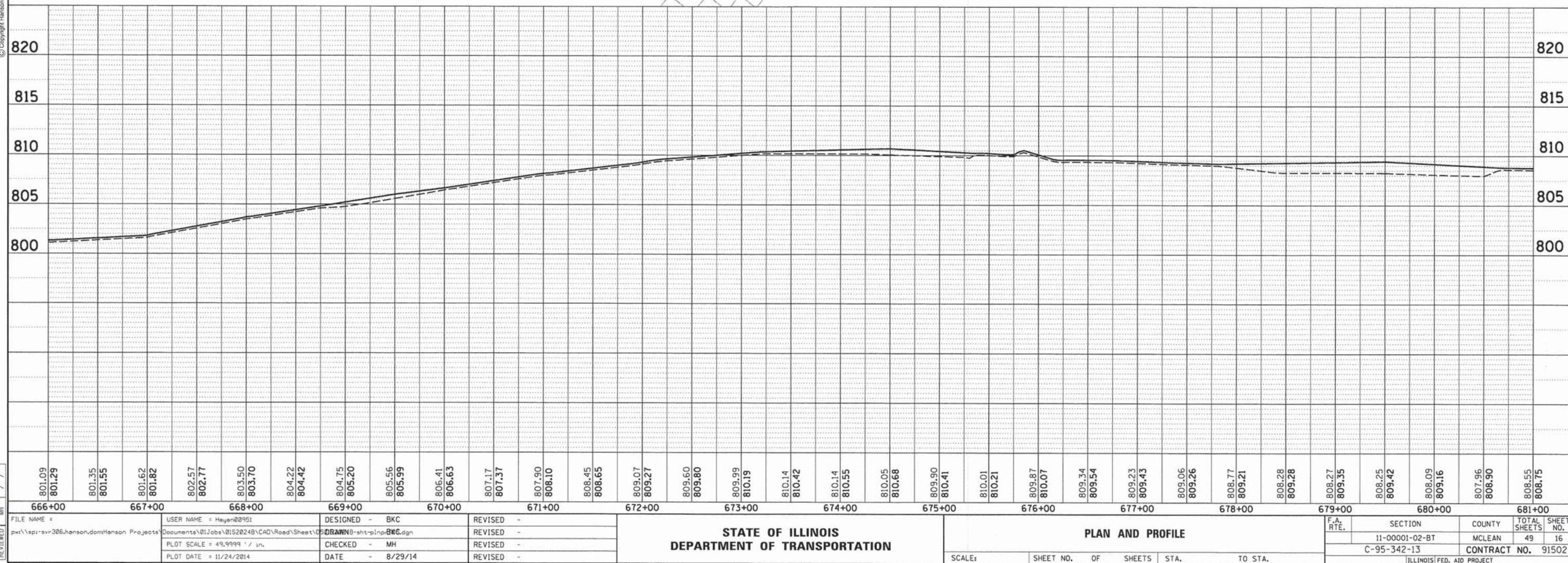
PLAN AND PROFILE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

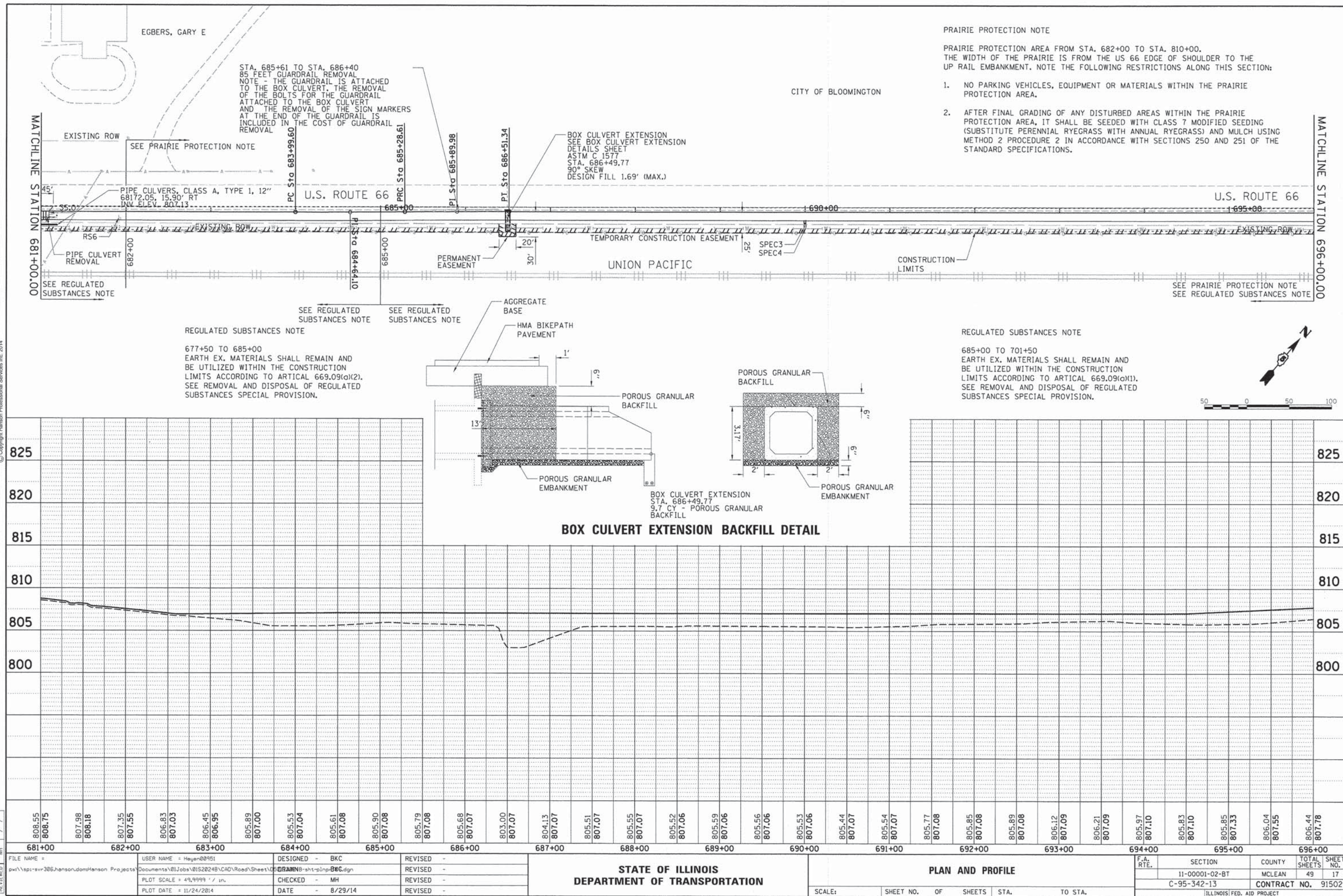
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	C-95-342-13	CONTRACT NO. 91502		
ILLINOIS FED. AID PROJECT				

ILLINOIS	FED. AID PROJECT
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LAYOUT	BKC	8/29/2014
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REVIEWED	MH	/ /

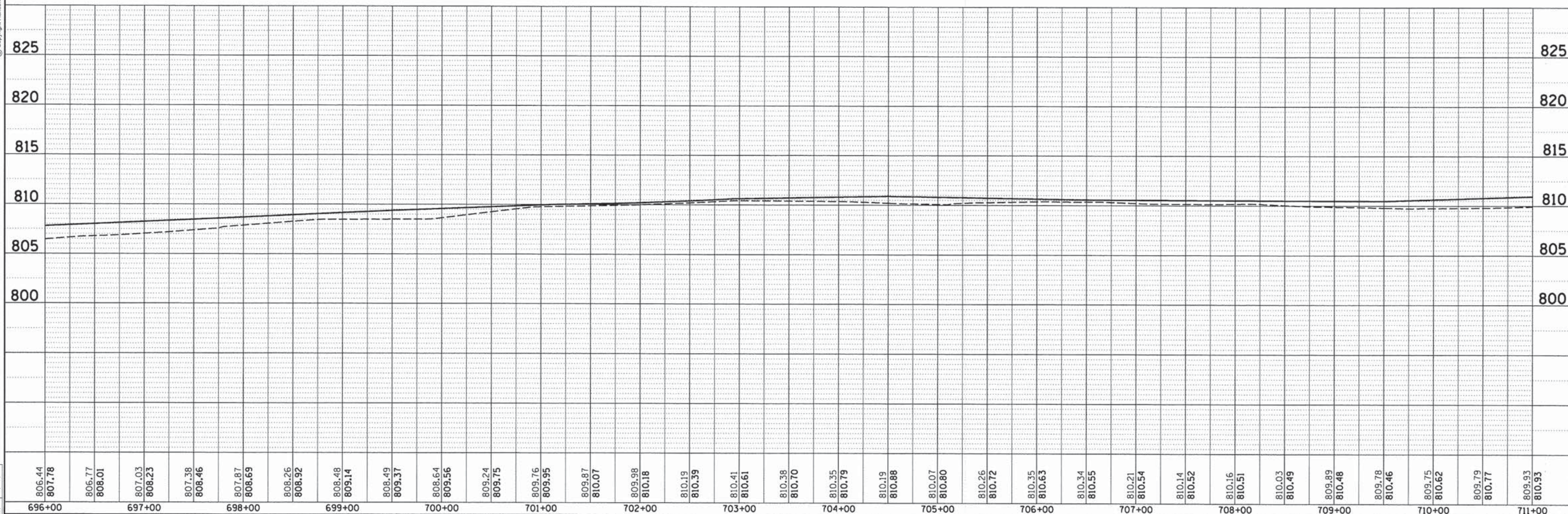


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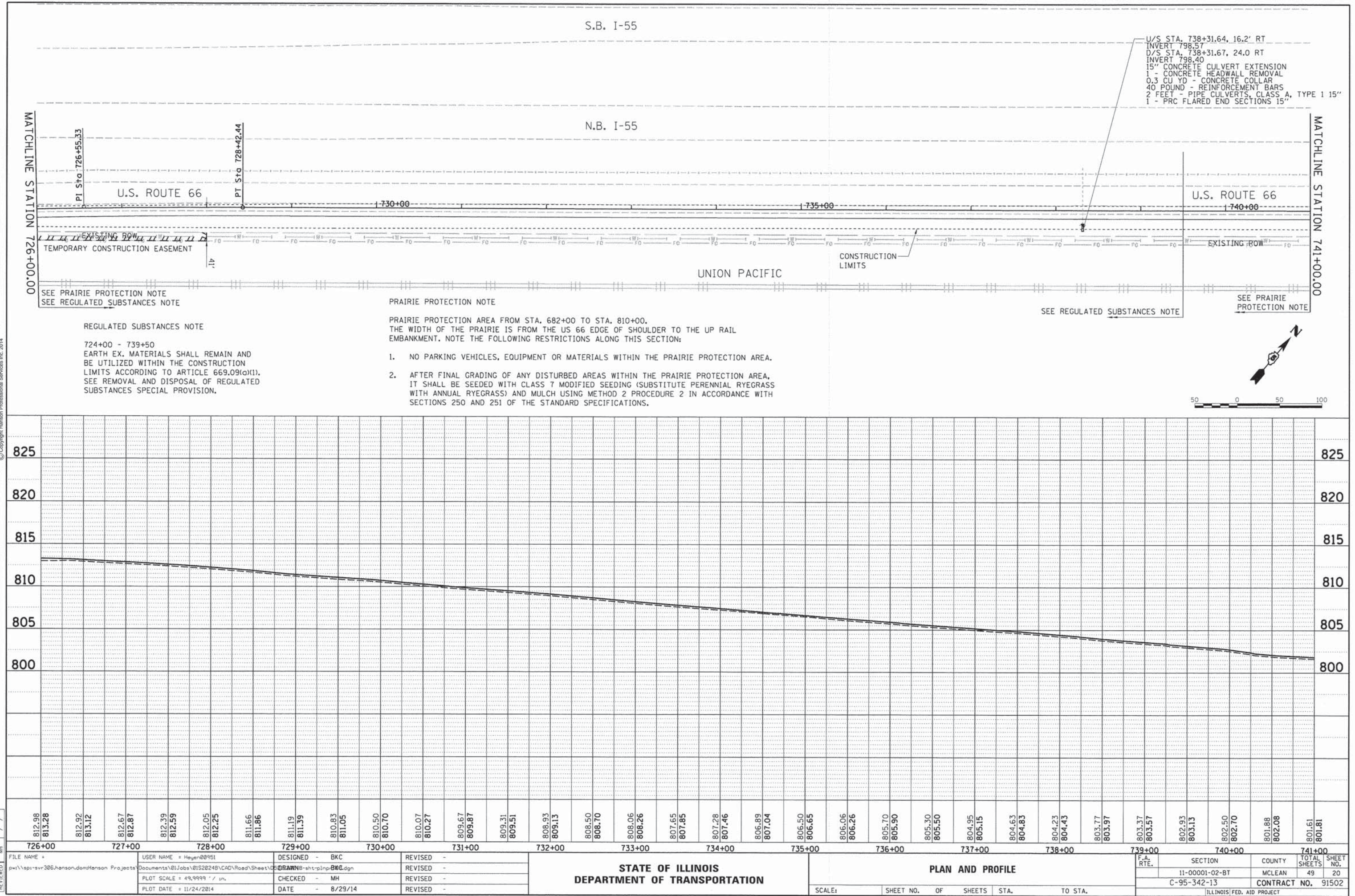
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DRAWN	BKC	/ /
REVIEWED	MH	/ /

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SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	C-95-342-13	CONTRACT NO. 91502		
ILLINOIS FED. AID PROJECT				



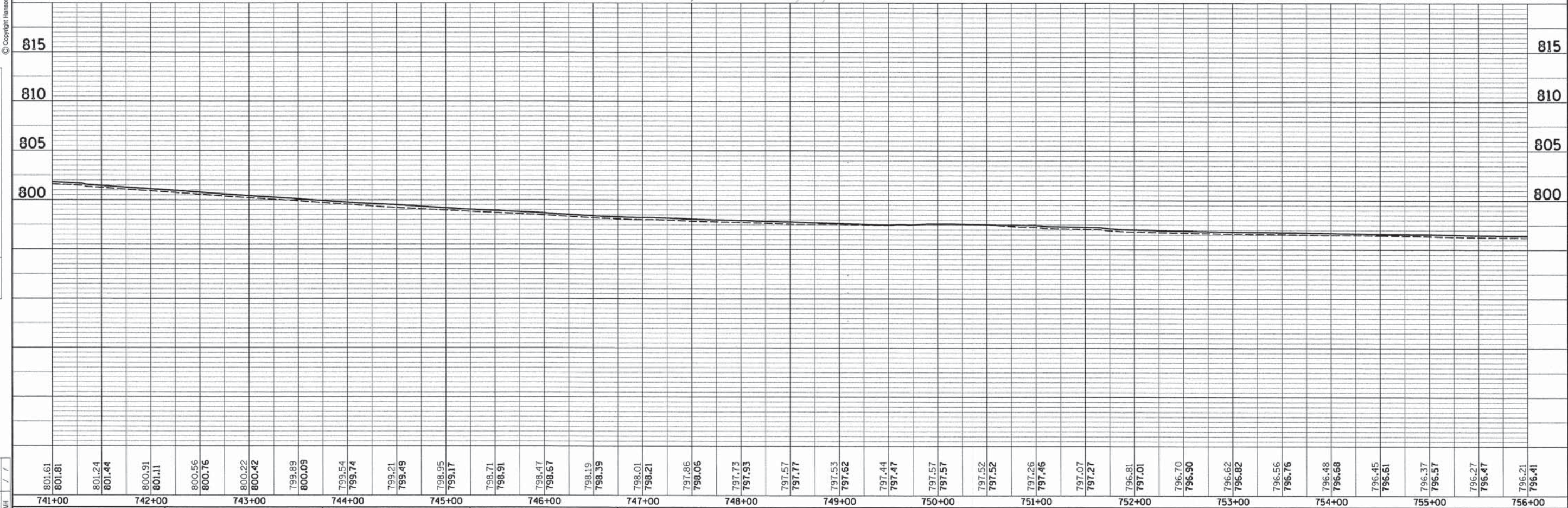
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PROFILE	SURVEYED	DATE
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	FILE NAME	

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REVIEWED	MH	/ /

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	PLOT DATE = 11/12/2014					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT		

PRAIRIE PROTECTION NOTE

S.B. I-55

PRAIRIE PROTECTION AREA FROM STA. 682+00 TO STA. 810+00.

THE WIDTH OF THE PRAIRIE IS FROM THE US 66 EDGE OF SHOULDER TO THE UP RAIL EMBANKMENT. NOTE THE FOLLOWING RESTRICTIONS ALONG THIS SECTION:

- NO PARKING VEHICLES, EQUIPMENT OR MATERIALS WITHIN THE PRAIRIE PROTECTION AREA.
- AFTER FINAL GRADING OF ANY DISTURBED AREAS WITHIN THE PRAIRIE PROTECTION AREA, IT SHALL BE SEEDED WITH CLASS 7 MODIFIED SEEDING (SUBSTITUTE PERENNIAL RYEGRASS WITH ANNUAL RYEGRASS) AND MULCH USING METHOD 2 PROCEDURE 2 IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS.

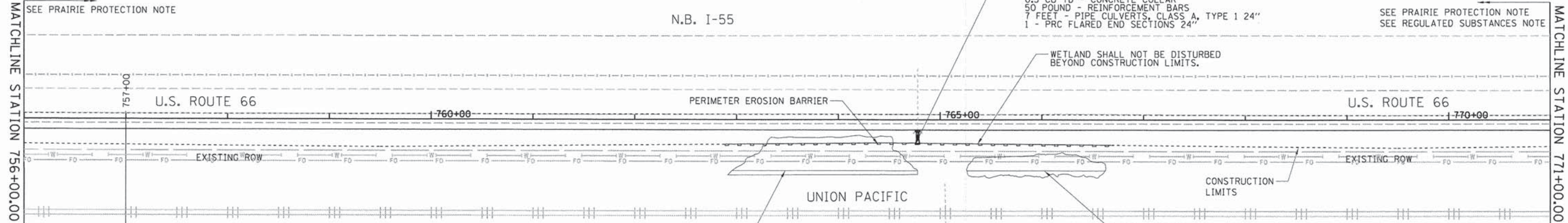
SEE PRAIRIE PROTECTION NOTE

N.B. I-55

U/S STA. 764+78.08, 11.1' RT
INVERT 788.50
D/S STA. 764+78.20, 23.6' RT
INVERT 788.30
24" CONCRETE CULVERT EXTENSION
1 - CONCRETE HEADWALL REMOVAL
0.5 CU YD - CONCRETE COLLAR
50 POUND - REINFORCEMENT BARS
7 FEET - PIPE CULVERTS, CLASS A, TYPE 1 24"
1 - PRC FLARED END SECTIONS 24"

SEE PRAIRIE PROTECTION NOTE
SEE REGULATED SUBSTANCES NOTE

WETLAND SHALL NOT BE DISTURBED
BEYOND CONSTRUCTION LIMITS.



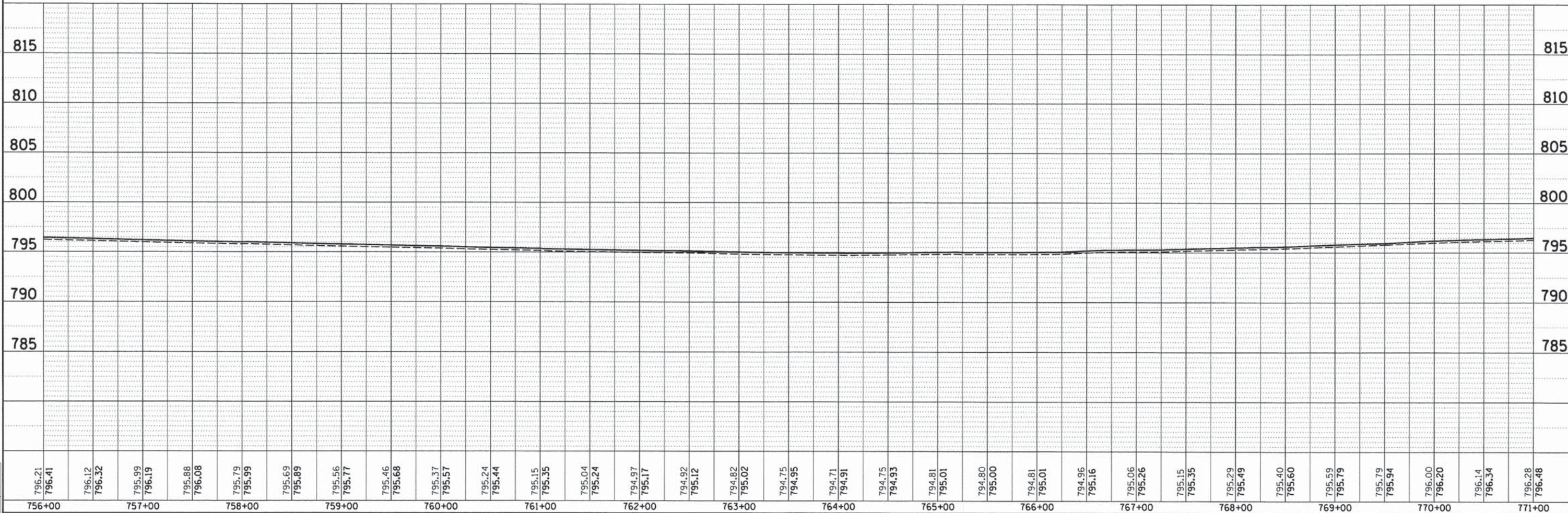
SEE REGULATED SUBSTANCES NOTE

DELINEATED WETLAND AREA
TOTAL AREA = 5524.6 SQ FT
AFFECTED AREA = 590.6 SQ FT

DELINEATED WETLAND AREA
TOTAL AREA = 2554.5 SQ FT
AFFECTED AREA = N/A

REGULATED SUBSTANCES NOTE

757+00 TO 773+50
EARTH EX. MATERIALS SHALL REMAIN AND
BE UTILIZED WITHIN THE CONSTRUCTION
LIMITS ACCORDING TO ARTICLE 669.09(a)(2).
SEE REMOVAL AND DISPOSAL OF REGULATED
SUBSTANCES SPECIAL PROVISION.



FILE NAME =				DESIGNED - BKC				REVISED -			
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PLOT DATE = 11/24/2014				DATE - 8/29/14				REVISED -			

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN AND PROFILE			
SCALE:				SHEET NO. OF SHEETS STA. TO STA.			
F.A. RTE.				SECTION			
11-00001-02-BT				COUNTY			
C-95-342-13				MCLEAN			
ILLINOIS FED. AID PROJECT				CONTRACT NO. 91502			

S.B. I-55

N.B. I-55

MATCHLINE STATION 771+00.00

U.S. ROUTE 66

CONSTRUCTION LIMITS

SEE PRAIRIE PROTECTION NOTE

PRAIRIE PROTECTION NOTE

PRAIRIE PROTECTION AREA FROM STA. 682+00 TO STA. 810+00.
THE WIDTH OF THE PRAIRIE IS FROM THE US 66 EDGE OF SHOULDER TO THE UP RAIL EMBANKMENT. NOTE THE FOLLOWING RESTRICTIONS ALONG THIS SECTION:

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PLAN AND PROFILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	C-95-342-13	CONTRACT NO. 91502		
ILLINOIS FED. AID PROJECT				

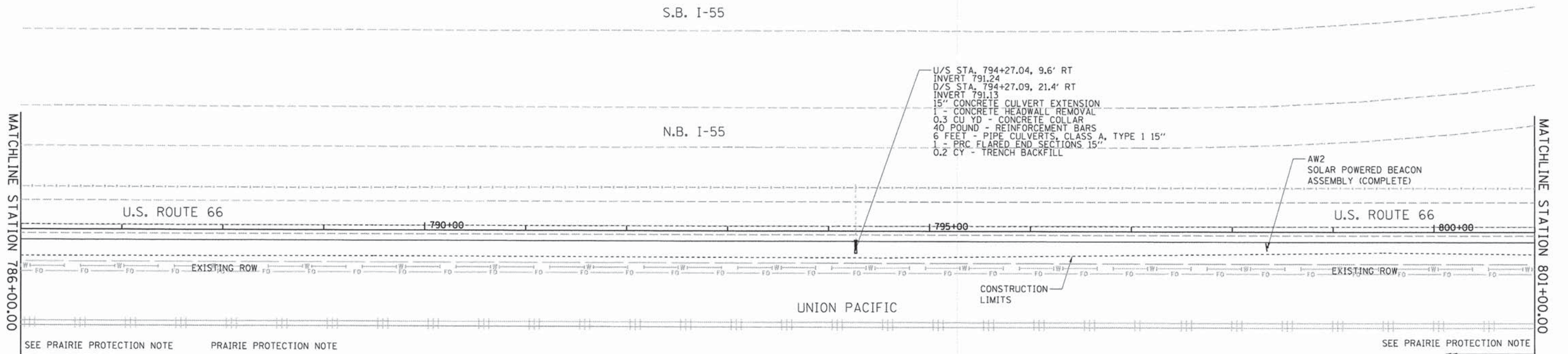
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	PLOTTED		
NOTE BOOK	NO.		
	NO.		



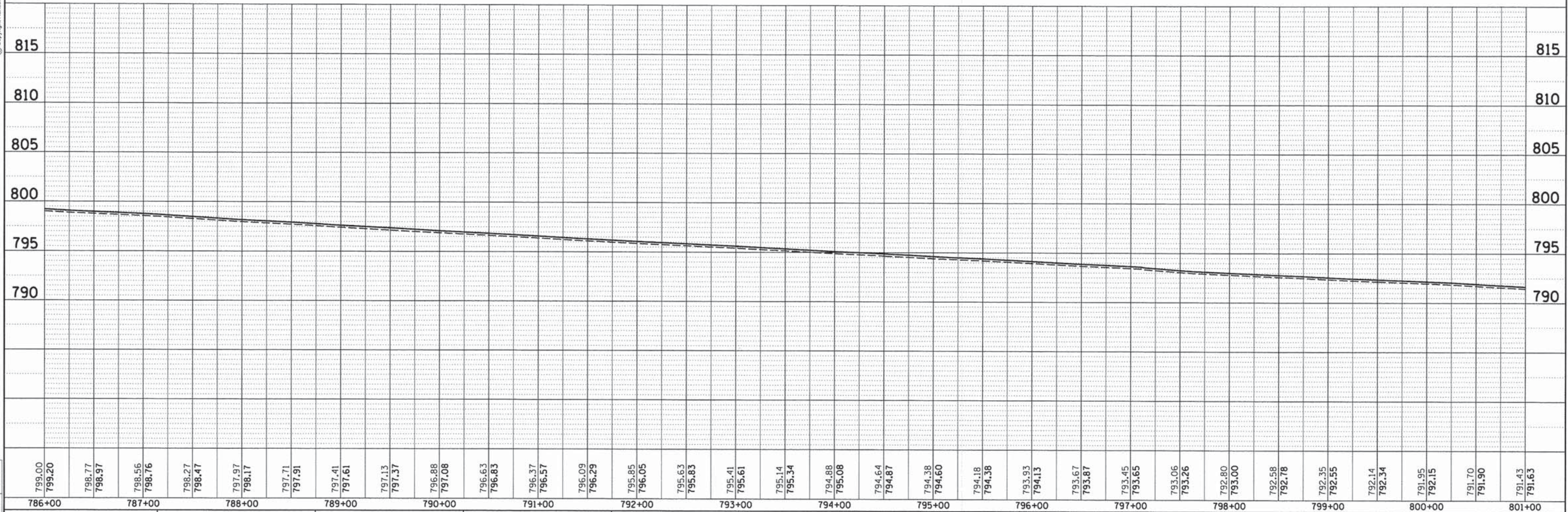
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	NO.		
	NO.		

LAYOUT	BKC	8/29/2014
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REVIEWED	MH	/ /



- PRAIRIE PROTECTION AREA FROM STA. 682+00 TO STA. 810+00.
THE WIDTH OF THE PRAIRIE IS FROM THE US 66 EDGE OF SHOULDER TO THE UP RAIL EMBANKMENT. NOTE THE FOLLOWING RESTRICTIONS ALONG THIS SECTION:
- NO PARKING VEHICLES, EQUIPMENT OR MATERIALS WITHIN THE PRAIRIE PROTECTION AREA.
 - AFTER FINAL GRADING OF ANY DISTURBED AREAS WITHIN THE PRAIRIE PROTECTION AREA, IT SHALL BE SEEDED WITH CLASS 7 MODIFIED SEEDING (SUBSTITUTE PERENNIAL RYEGRASS WITH ANNUAL RYEGRASS AND MULCH USING METHOD 2 PROCEDURE 2 IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS.



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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN AND PROFILE	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-95-342-13		CONTRACT NO. 91502		
ILLINOIS FED. AID PROJECT				

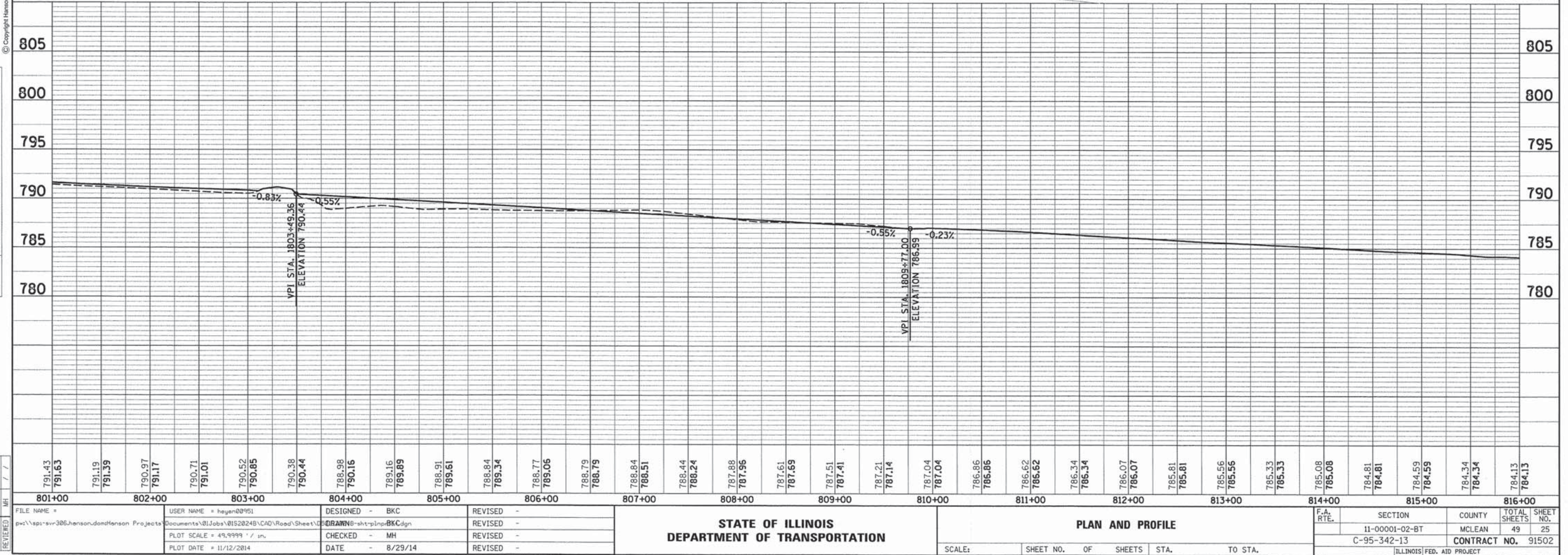
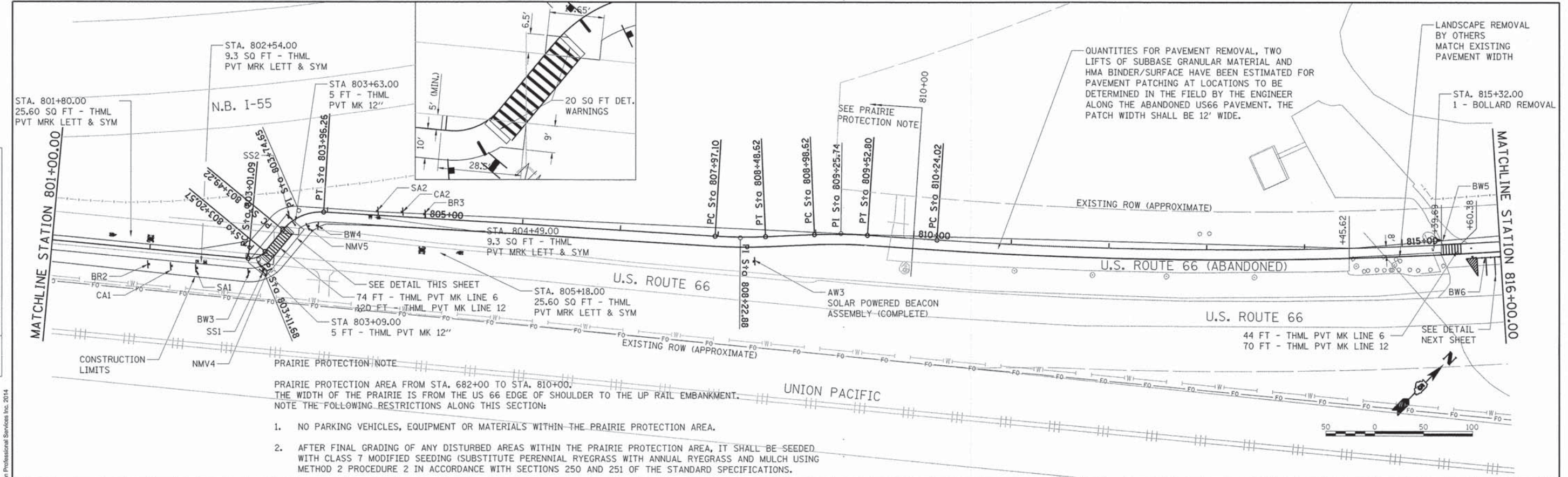
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	C-95-342-13			
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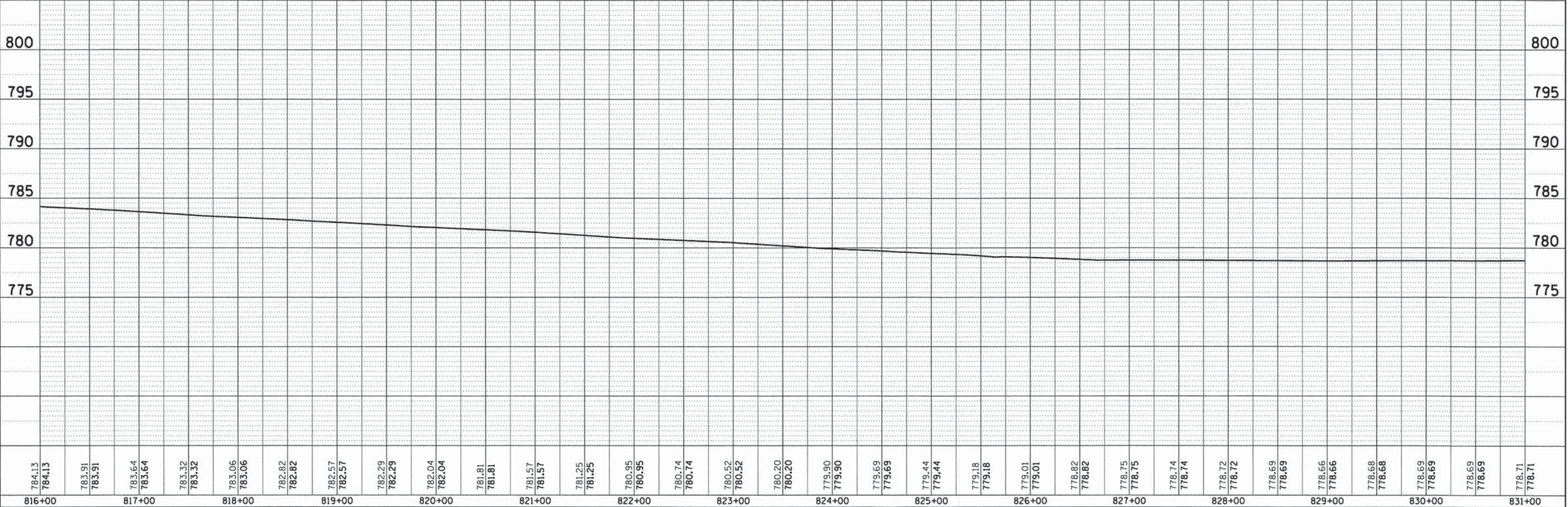
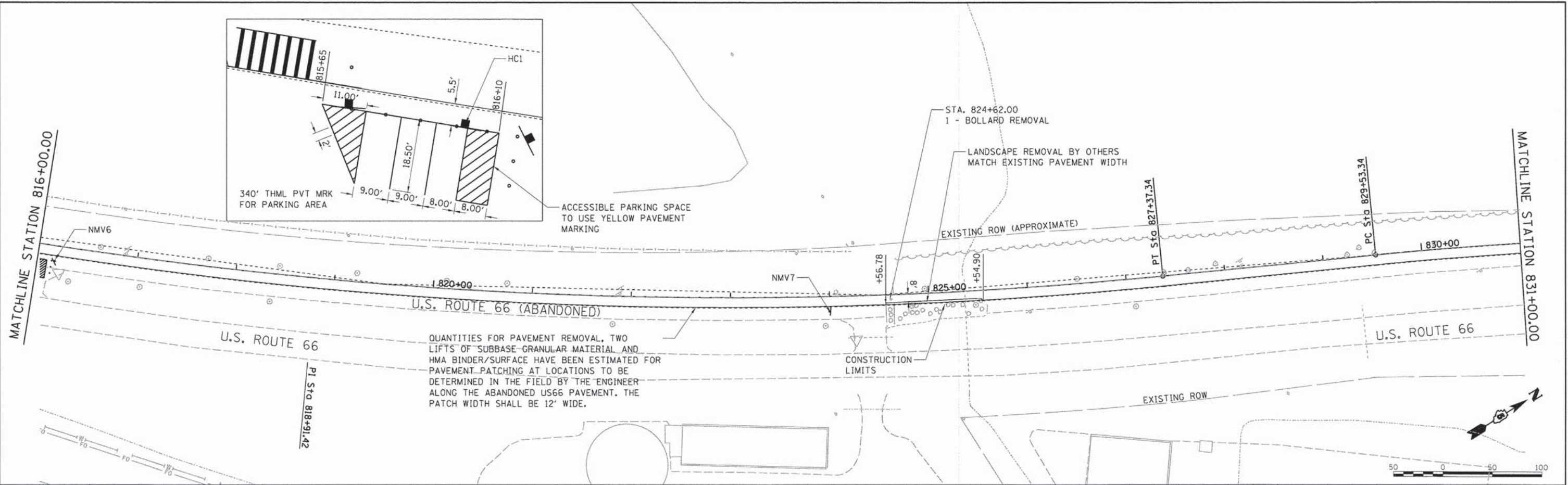
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REVIEWED	MH	/ /



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ILLINOIS FED. AID PROJECT											

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REVIEWED	MH	/ /

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STATE OF ILLINOIS
COUNTY OF COOK

ILLINOIS
TRANSPORTATION

CONCLUSION

	SCALE-

SHEET

PLAN A

END PROFILE

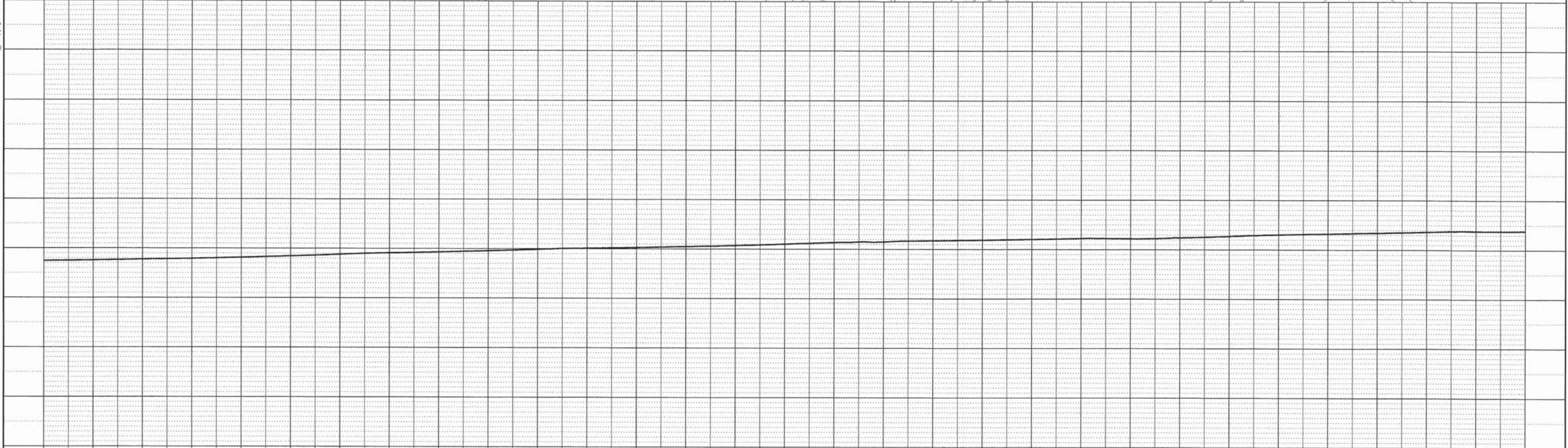
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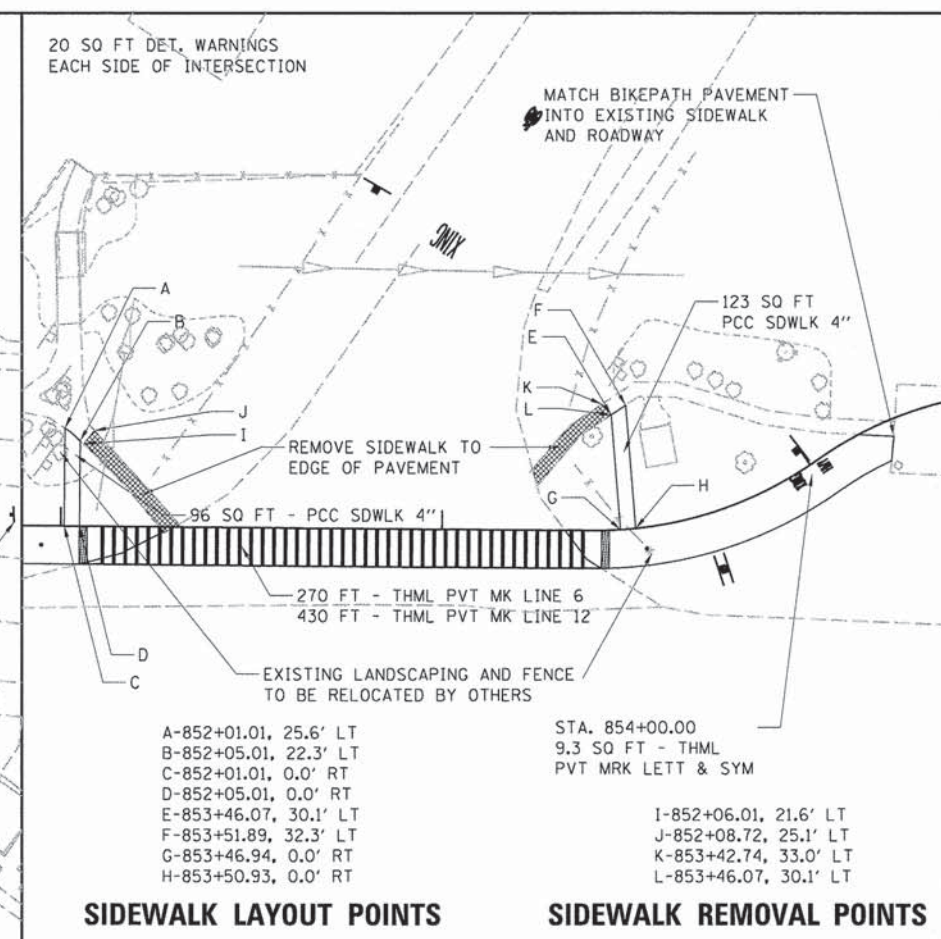
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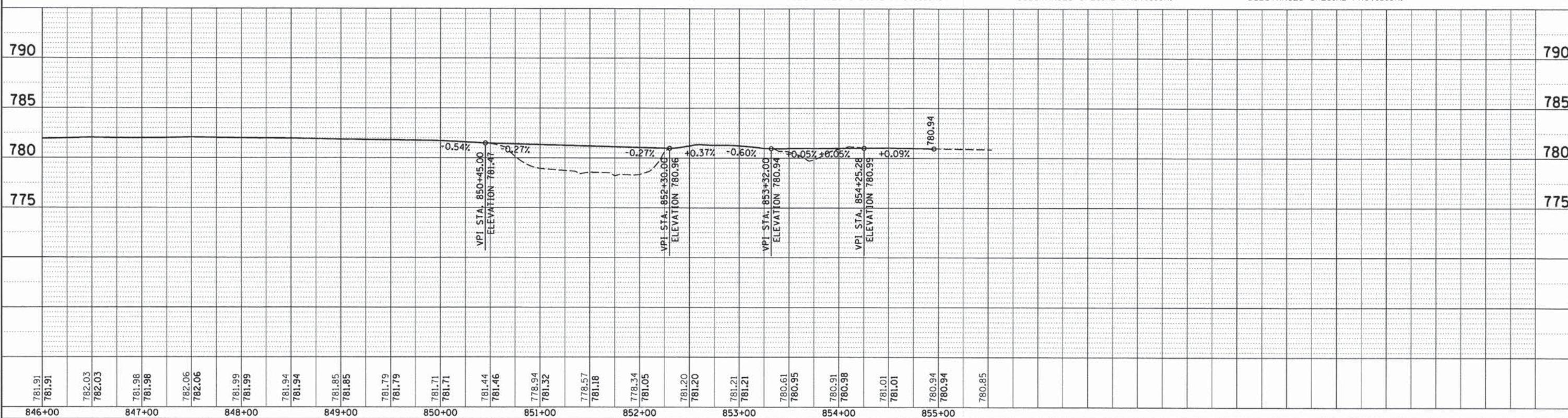


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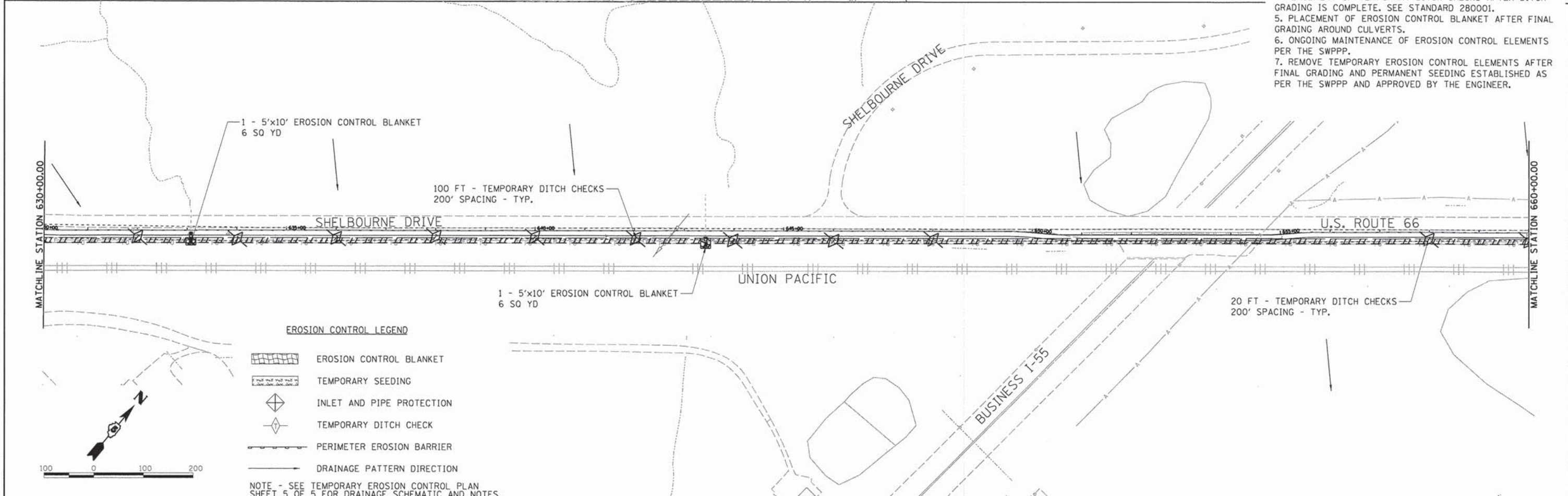
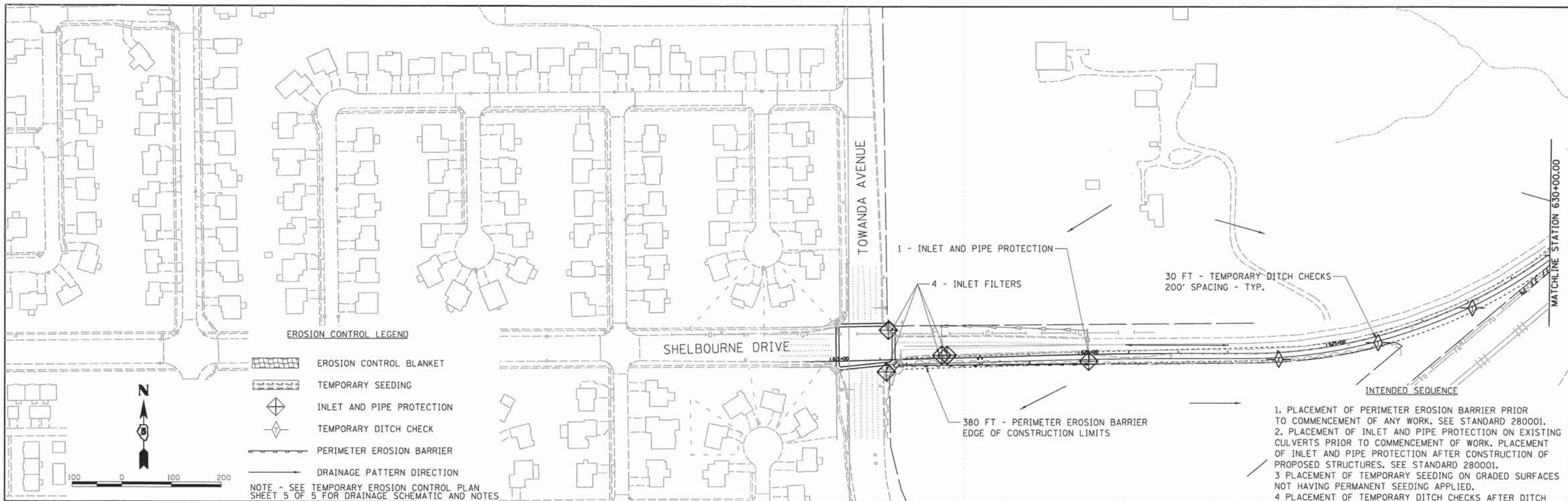
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REGULATED SUBSTANCES NOTE	REGULATED SUBSTANCES NOTE	REGULATED SUBSTANCES NOTE	REGULATED SUBSTANCES NOTE	REGULATED SUBSTANCES NOTE	REGULATED SUBSTANCES NOTE
846+00 TO 849+00 EARTH EX. MATERIALS SHALL REMAIN AND BE UTILIZED WITHIN CONSTRUCTION LIMITS ACCORDING TO ARTICLE 669.09(a)(2). SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION.	849+00 TO 850+20 EARTH EX. MATERIALS SHALL REMAIN AND BE UTILIZED WITHIN CONSTRUCTION LIMITS ACCORDING TO ARTICLE 669.09(a)(1). SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION.	850+20 TO 851+30 EARTH EX. MATERIALS SHALL REMAIN AND BE UTILIZED WITHIN CONSTRUCTION LIMITS ACCORDING TO ARTICLE 669.09(a)(2). SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION.	851+30 TO 851+80 EARTH EX. MATERIALS SHALL REMAIN AND BE UTILIZED WITHIN CONSTRUCTION LIMITS ACCORDING TO ARTICLE 669.09(a)(1). SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION.	851+80 TO 853+00 EARTH EX. MATERIALS SHALL REMAIN AND BE UTILIZED WITHIN CONSTRUCTION LIMITS ACCORDING TO ARTICLE 669.09(a)(2). SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION.	853+00 TO 854+30 EARTH EX. MATERIALS SHALL REMAIN AND BE UTILIZED WITHIN CONSTRUCTION LIMITS ACCORDING TO ARTICLE 669.09(a)(1). SEE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES SPECIAL PROVISION.



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PLOT DATE = 11/24/2014	DATE = 8/29/14	REVISED -								



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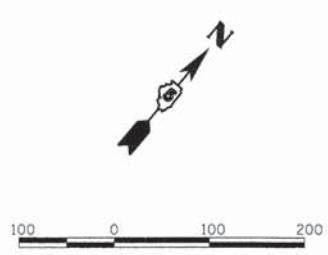
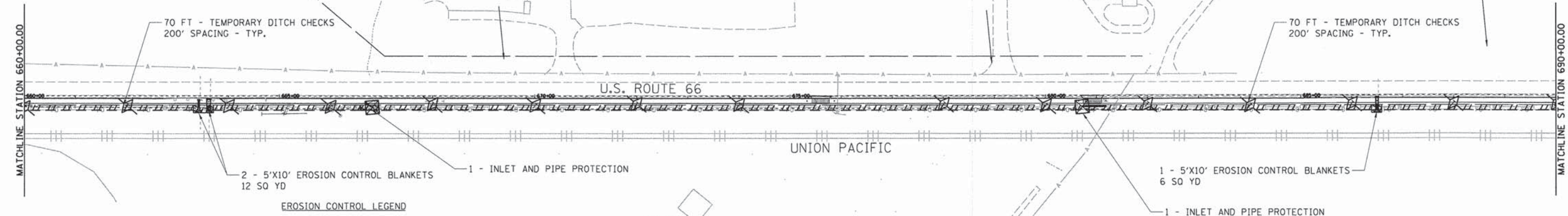
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		DATE - 8/29/14	REVISED -
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PLOT DATE = 10/20/2014			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

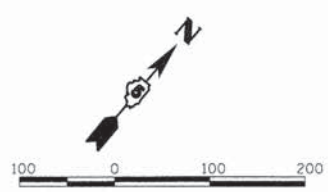
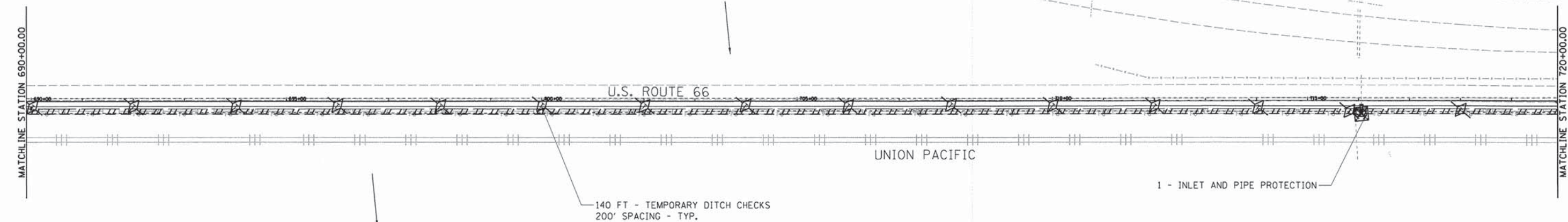
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	29
	C-95-342-13			CONTRACT NO. 91502
				ILLINOIS FED. AID PROJECT



- EROSION CONTROL LEGEND**
- EROSION CONTROL BLANKET
 - TEMPORARY SEEDING
 - INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - DRAINAGE PATTERN DIRECTION
- NOTE - SEE TEMPORARY EROSION CONTROL PLAN SHEET 5 OF 5 FOR DRAINAGE SCHEMATIC AND NOTES

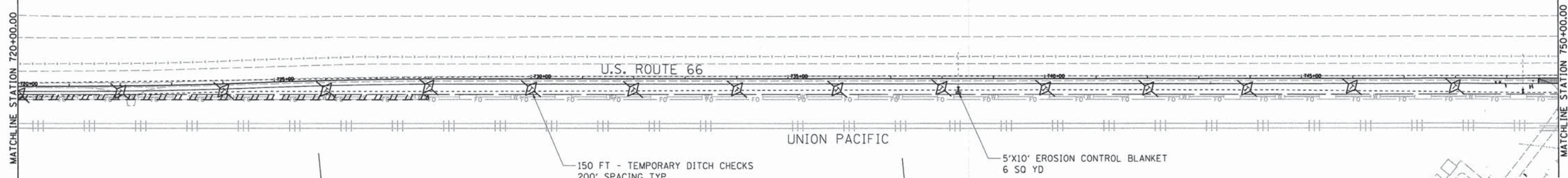
- INTENDED SEQUENCE**
1. PLACEMENT OF PERIMETER EROSION BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STANDARD 280001.
 2. PLACEMENT OF INLET AND PIPE PROTECTION ON EXISTING CULVERTS PRIOR TO COMMENCEMENT OF WORK. PLACEMENT OF INLET AND PIPE PROTECTION AFTER CONSTRUCTION OF PROPOSED STRUCTURES. SEE STANDARD 280001.
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 5. PLACEMENT OF EROSION CONTROL BLANKET AFTER FINAL GRADING AROUND CULVERTS.
 6. ONGOING MAINTENANCE OF EROSION CONTROL ELEMENTS PER THE SWPPP.
 7. REMOVE TEMPORARY EROSION CONTROL ELEMENTS AFTER FINAL GRADING AND PERMANENT SEEDING ESTABLISHED AS PER THE SWPPP AND APPROVED BY THE ENGINEER.



- EROSION CONTROL LEGEND**
- EROSION CONTROL BLANKET
 - TEMPORARY SEEDING
 - INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - DRAINAGE PATTERN DIRECTION
- NOTE - SEE TEMPORARY EROSION CONTROL PLAN SHEET 5 OF 5 FOR DRAINAGE SCHEMATIC AND NOTES

LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /
REVIEWED	MH	/ /

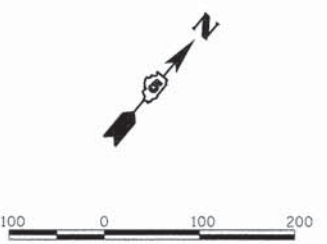
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	PLOT DATE = 10/20/2014	DATE = 8/29/14	REVISED -											SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



EROSION CONTROL LEGEND

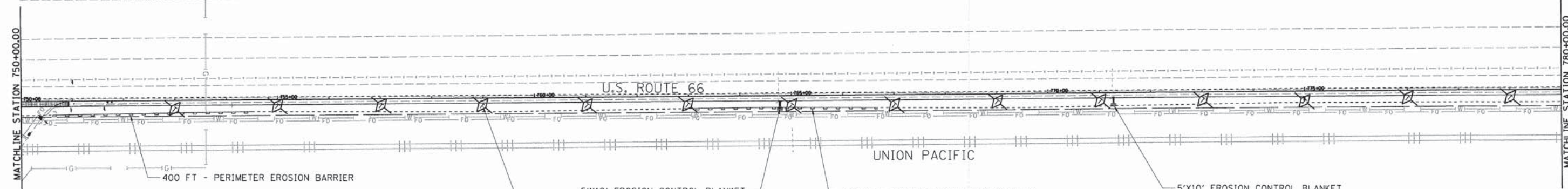
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- TEMPORARY SEEDING
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- DRAINAGE PATTERN DIRECTION

NOTE - SEE TEMPORARY EROSION CONTROL PLAN SHEET 5 OF 5 FOR DRAINAGE SCHEMATIC AND NOTES



INTENDED SEQUENCE

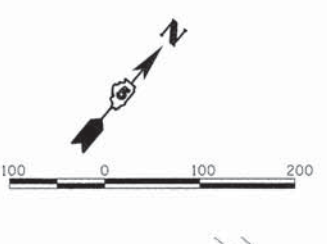
1. PLACEMENT OF PERIMETER EROSION BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STANDARD 280001.
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EROSION CONTROL LEGEND

- EROSION CONTROL BLANKET
- TEMPORARY SEEDING
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- DRAINAGE PATTERN DIRECTION

NOTE - SEE TEMPORARY EROSION CONTROL PLAN SHEET 5 OF 5 FOR DRAINAGE SCHEMATIC AND NOTES



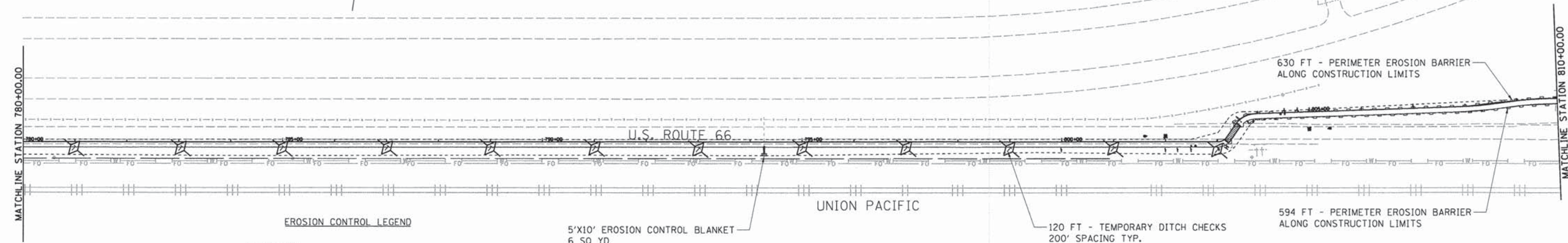
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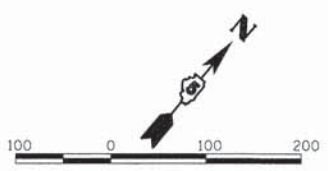
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN				
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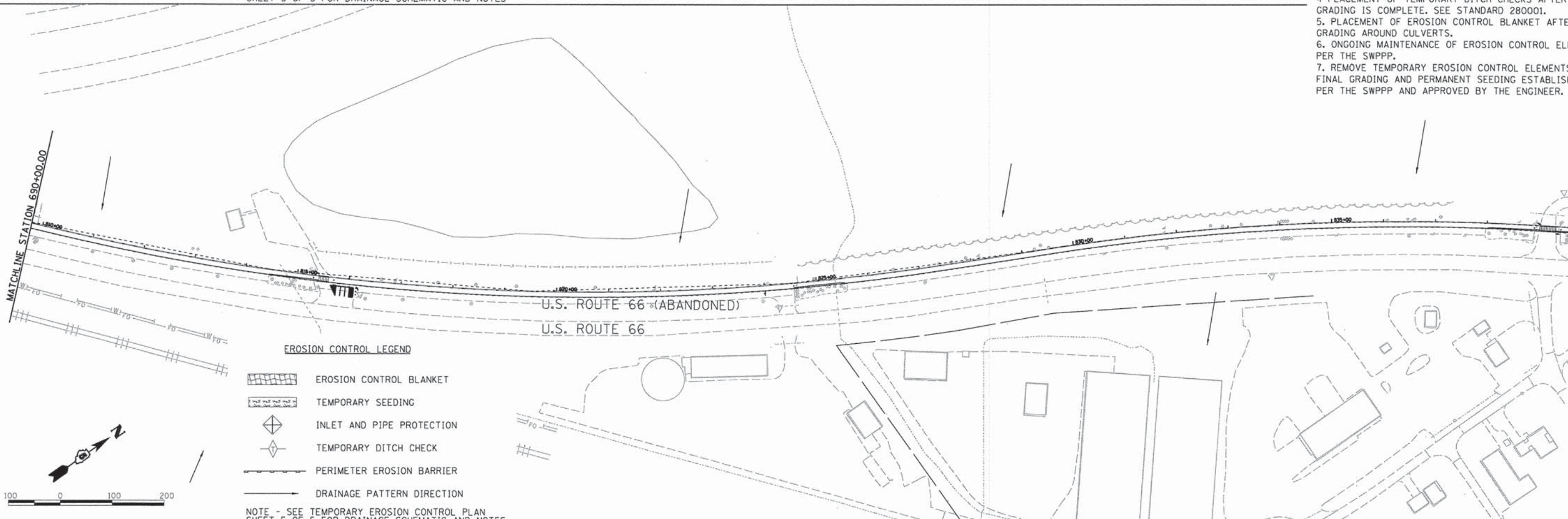
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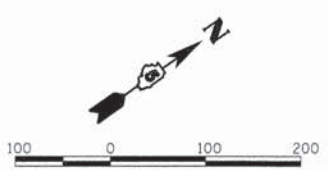
- EROSION CONTROL LEGEND**
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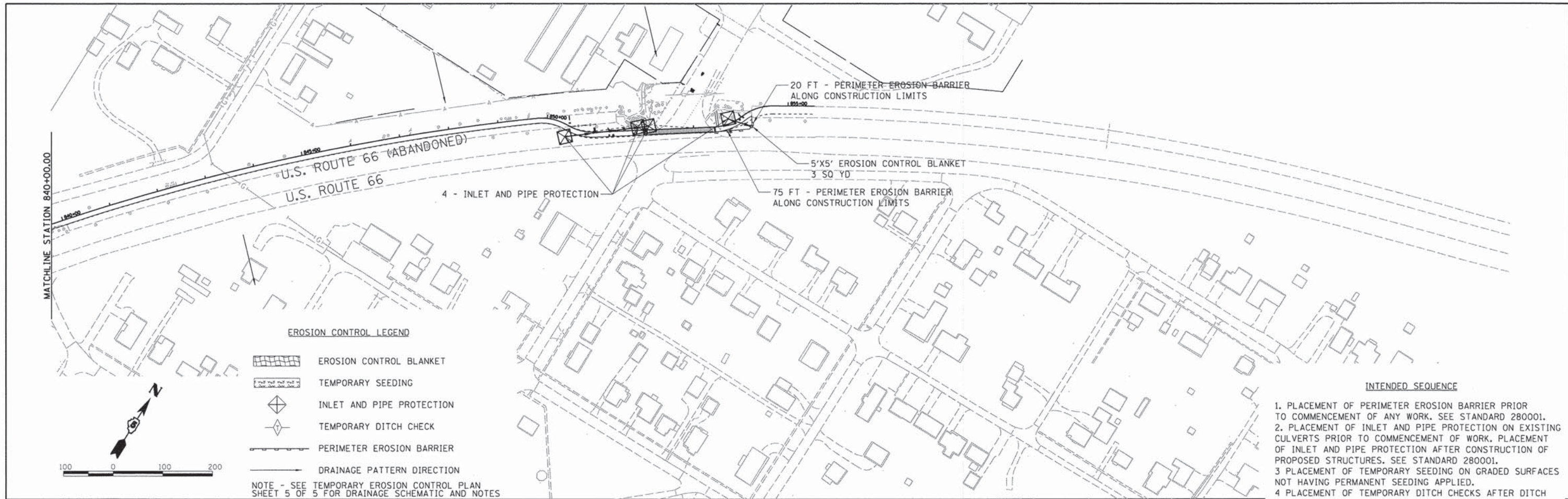


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 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - DRAINAGE PATTERN DIRECTION
- NOTE - SEE TEMPORARY EROSION CONTROL PLAN SHEET 5 OF 5 FOR DRAINAGE SCHEMATIC AND NOTES

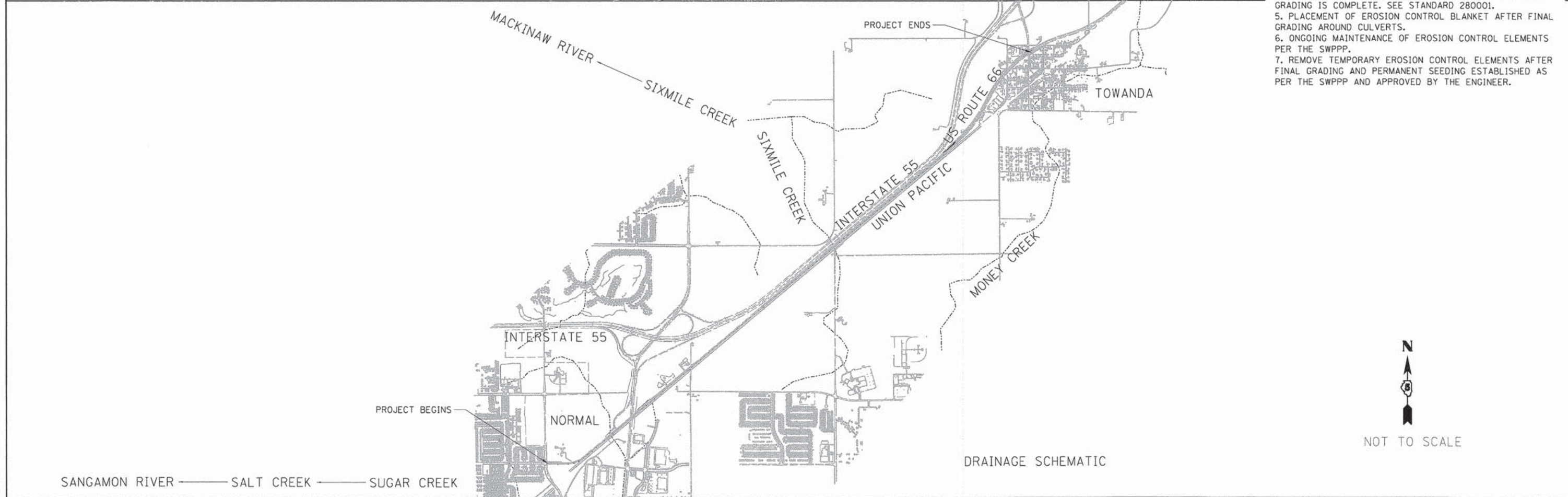


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SHEET 5 OF 5 FOR DRAINAGE SCHEMATIC AND NOTES																
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PLOT DATE = 10/20/2014												ILLINOIS FED. AID PROJECT				



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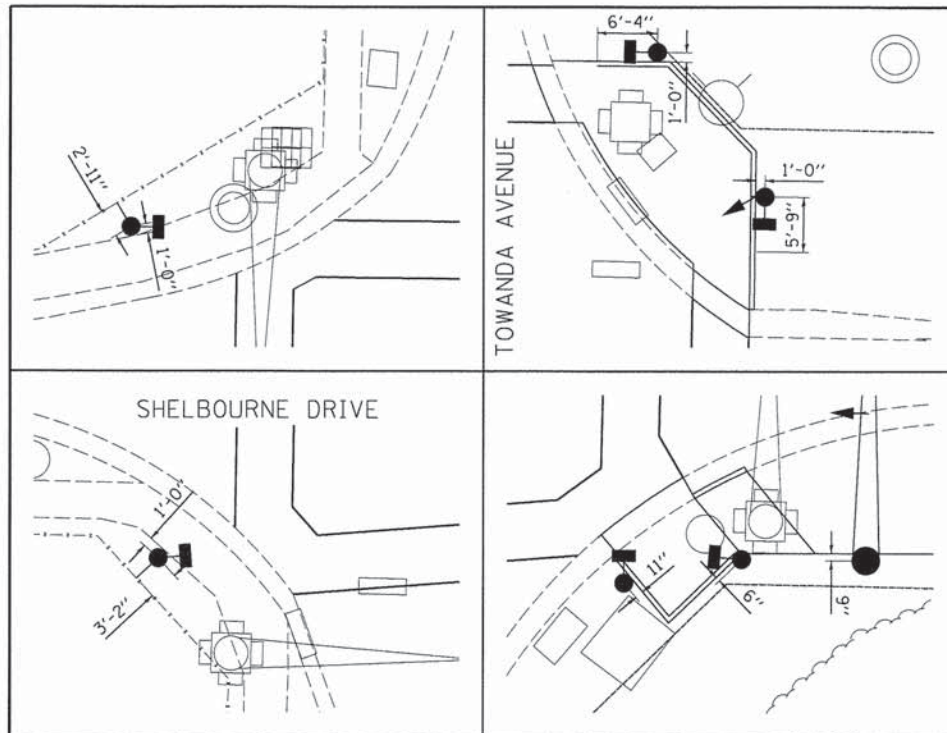
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

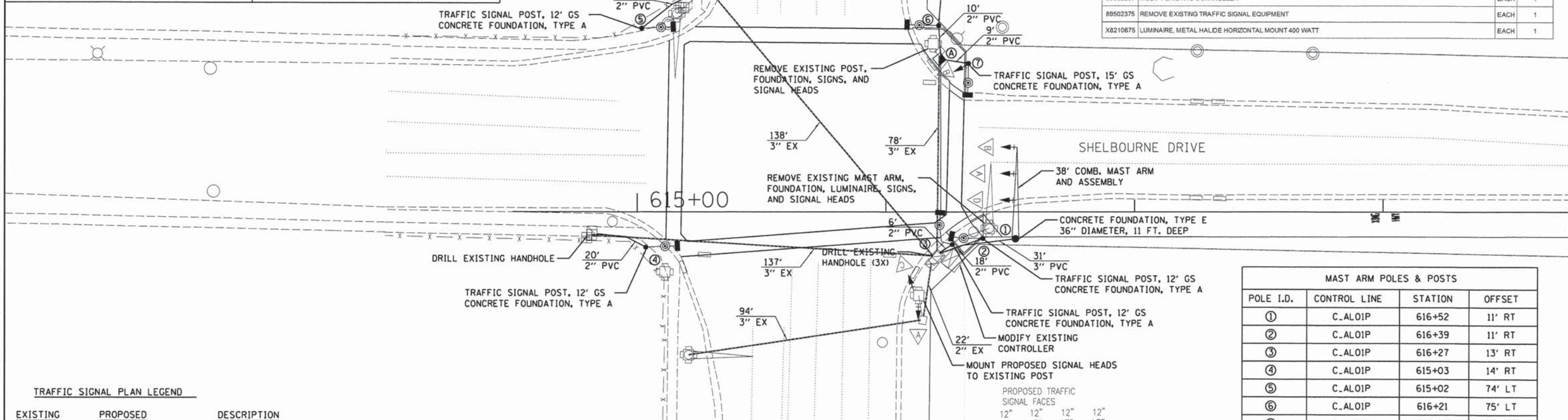
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	11-00001-02-BT	MCLEAN	49	33
C-95-342-13		CONTRACT NO. 91502		
ILLINOIS FED. AID PROJECT				



NOTES:

1. EXISTING CONTROLLER AND CABINET SHALL BE MODIFIED TO ALLOW ACTUATED PEDESTRIAN PHASING ACROSS EACH LEG OF THE INTERSECTION.
2. ALL DISTURBED AREAS SHALL BE RESTORED TO THE ORIGINAL CONDITION.
3. ALL PEDESTRIAN PUSH BUTTONS SHALL BE LOCATED 10' FROM ONE ANOTHER.
4. PROPOSED HANDHOLE A SHALL BE CONSTRUCTED IN A LOCATION WHERE ACCESS TO EXISTING CONDUITS TO THE SOUTHEAST AND NORTHWEST QUADRANTS IS FEASIBLE
5. STYLE AND COLOR OF PROPOSED COMBINATION MAST ARM AND ASSEMBLY SHALL MATCH EXISTING MAST ARM AND ASSEMBLY



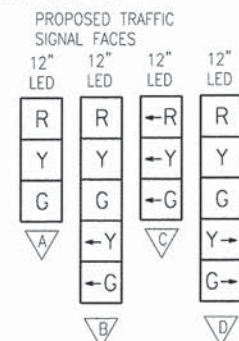
TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL POST
		CONTROLLER
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN COUNTDOWN SIGNAL HEAD
		PUSH BUTTON
		CONDUIT
		STEEL COMBINATION MAST ARM ASSEMBLY AND POLE

MAST ARM POLES & POSTS			
POLE I.D.	CONTROL LINE	STATION	OFFSET
①	C.ALOIP	616+52	11' RT
②	C.ALOIP	616+39	11' RT
③	C.ALOIP	616+27	13' RT
④	C.ALOIP	615+03	14' RT
⑤	C.ALOIP	615+02	74' LT
⑥	C.ALOIP	616+21	75' LT
⑦	C.ALOIP	616+33	60' LT

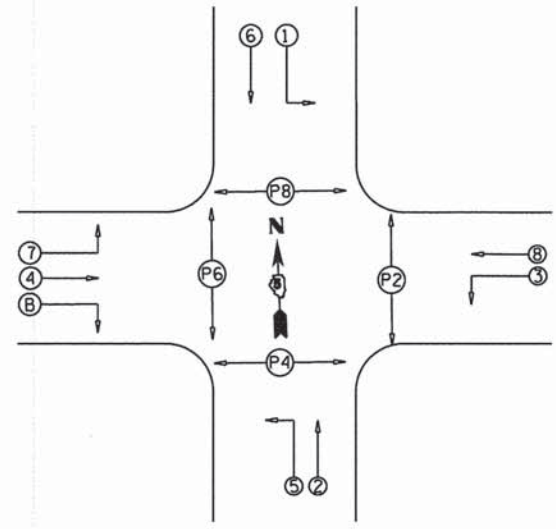
HANDHOLES			
HANDHOLE I.D.	CONTROL LINE	STATION	OFFSET
①	C.ALOIP	616+22	61' LT

HANDHOLE REMOVAL		
CONTROL LINE	STATION	OFFSET
C.ALOIP	616+22	64' LT



TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

PROPOSED	DESCRIPTION
5	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
[Symbol]	SIGNAL FACE WITH BACKPLATE
[Symbol]	DIRECTIONAL SIGNAL SECTION
[Symbol]	12" SIGNAL SECTION
[Symbol]	WALK/DON'T WALK SECTION + COUNT DOWN
[Symbol]	GROUND WIRE (POLE)
[Symbol]	GROUND WIRE (MAST ARM)
[Symbol]	PEDESTRIAN PUSHBUTTON
[Symbol]	CONDUIT
[Symbol]	GROUND WIRE (CONTROLLER)
[Symbol]	LUMINAIRE
[Symbol]	GROUND WIRE (HANDHOLE)

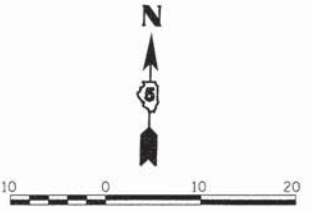
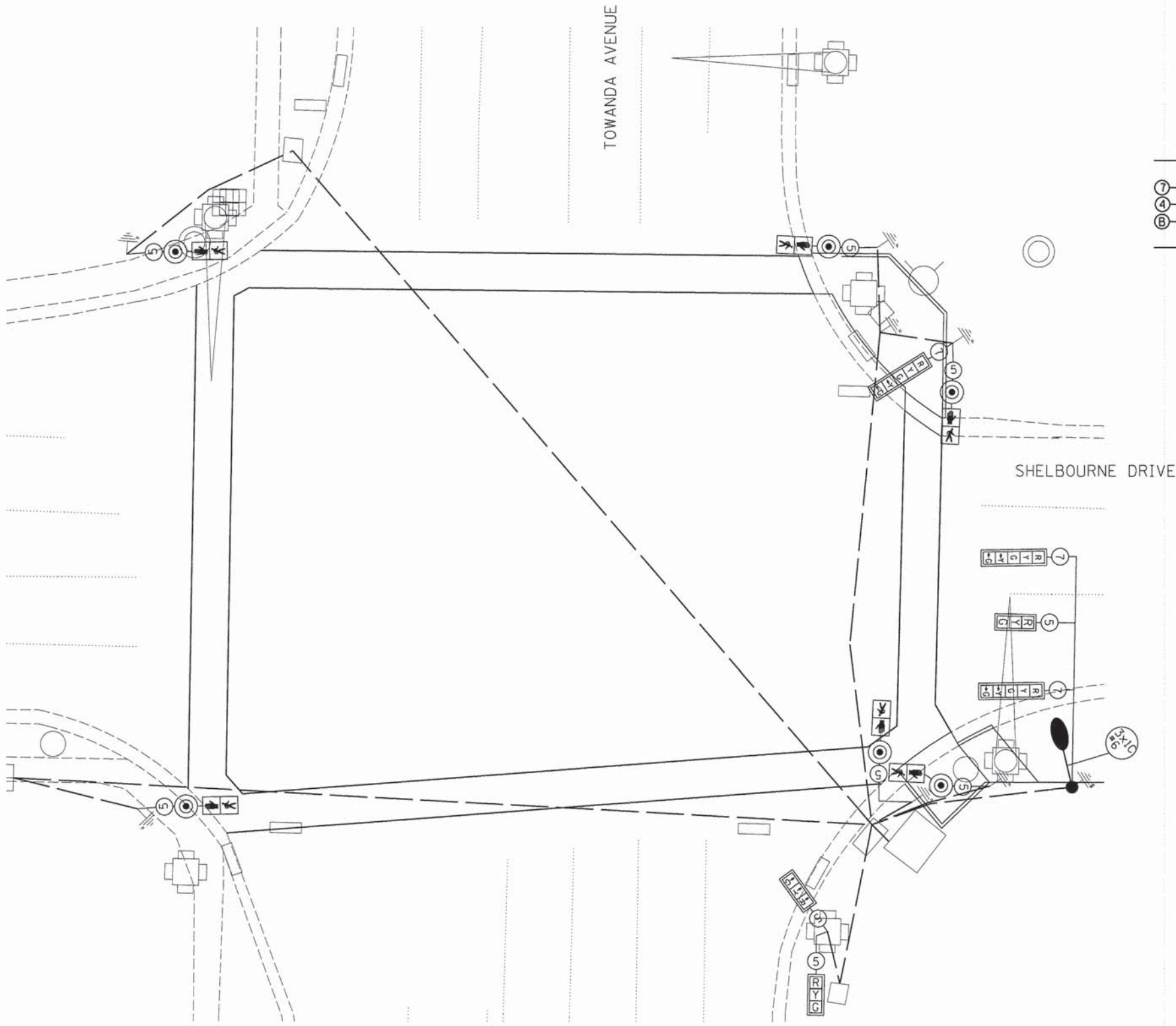


PHASE DESIGNATION DIAGRAM

OVERLAP	PERMITTED	PROTECTED
B	4	5

TRAFFIC SIGNAL GENERAL NOTES

1. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
2. ALL PEDESTRIAN SECTIONS SHALL HAVE 16" LENSES WITH A MAN/HAND OVERLAY AND COUNTDOWN TIMER.
3. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER. THE SIGNAL HEADS SHALL MAINTAIN A 16' MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
4. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES. LEFT TURN SIGNAL HEADS MAY BE MOVED 1 FOOT TO ALLOW FOR LINE OF SIGHT FOR APPROACHING VEHICLES.
5. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A FINISH TO MATCH EXISTING.
6. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
7. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
8. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
9. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
10. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
11. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
12. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
13. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
14. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, SERVICE RISERS, EXPOSED METALLIC CONDUITS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS AND PER SECTION 806 AND ARTICLE 873.04 OF THE STANDARD SPECIFICATIONS.
15. A 1/4" DIAMETER CONTINUOUS POLYESTER MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER.
16. ALL CABLES SHALL CONNECT SIGNAL APPARATUS DIRECTLY TO CONTROLLER. CABLES SHALL NOT BE SPLICED.



LAYOUT	RLA	6/28/2013
DRAWN	RLA	
REVIEWED	KNB	

per\\spi-svr306.hanson.dom\hanson.Projects\Documents\01Jobs\01S2024B\CA0\Road\Sheets\01S2024B-sht-ts02\RLA	USER NAME *	DESIGNED - RLA	REVISED -
		DRAWN - RLA	REVISED -
	PLOT SCALE *	CHECKED - KNB	REVISED -
	PLOT DATE *	DATE - 8/29/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	35
	C-95-342-13			CONTRACT NO. 91502
ILLINOIS FED. AID PROJECT				



2 LEFT AND 4 RIGHT REQUIRED

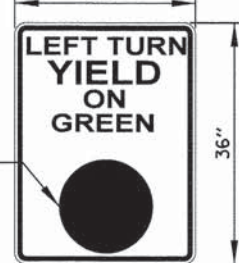
PEDESTRIAN PUSH BUTTON SIGN
TYPE R10-3 (L OR R)

9" X 12"

**PEDESTRIAN CROSSING
SIGN DETAIL**
(NOT TO SCALE)

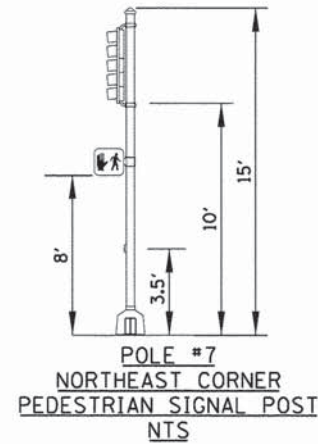
TYPE B SHEETING REQUIRED-
MOUNT ONE SIGN WITH EACH
PEDESTRIAN PUSH-BUTTON.

COLORS
LEGEND-BLACK
BACKGROUND-WHITE
SIGNAL-GREEN
30"

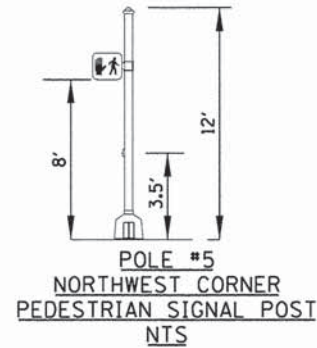


GREEN BALL

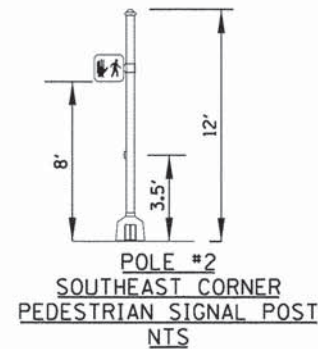
SIGN PANEL-TYPE 1
SIGN BACKGROUND: WHITE
SIGN LETTERING: BLACK
2 REQUIRED
TYPE R10-12



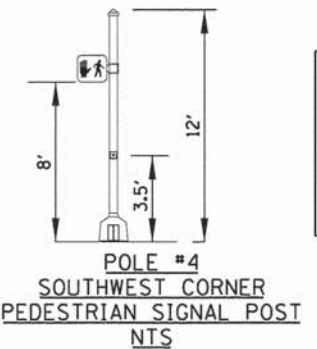
POLE #7
NORTHEAST CORNER
PEDESTRIAN SIGNAL POST
NTS



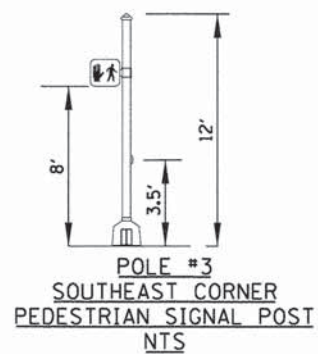
POLE #5
NORTHWEST CORNER
PEDESTRIAN SIGNAL POST
NTS



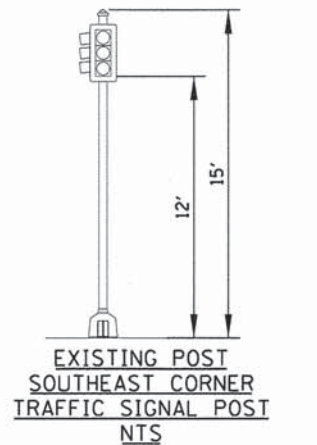
POLE #2
SOUTHEAST CORNER
PEDESTRIAN SIGNAL POST
NTS



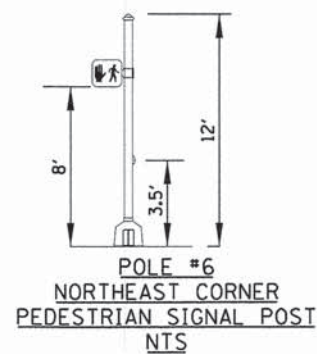
POLE #4
SOUTHWEST CORNER
PEDESTRIAN SIGNAL POST
NTS



POLE #3
SOUTHEAST CORNER
PEDESTRIAN SIGNAL POST
NTS



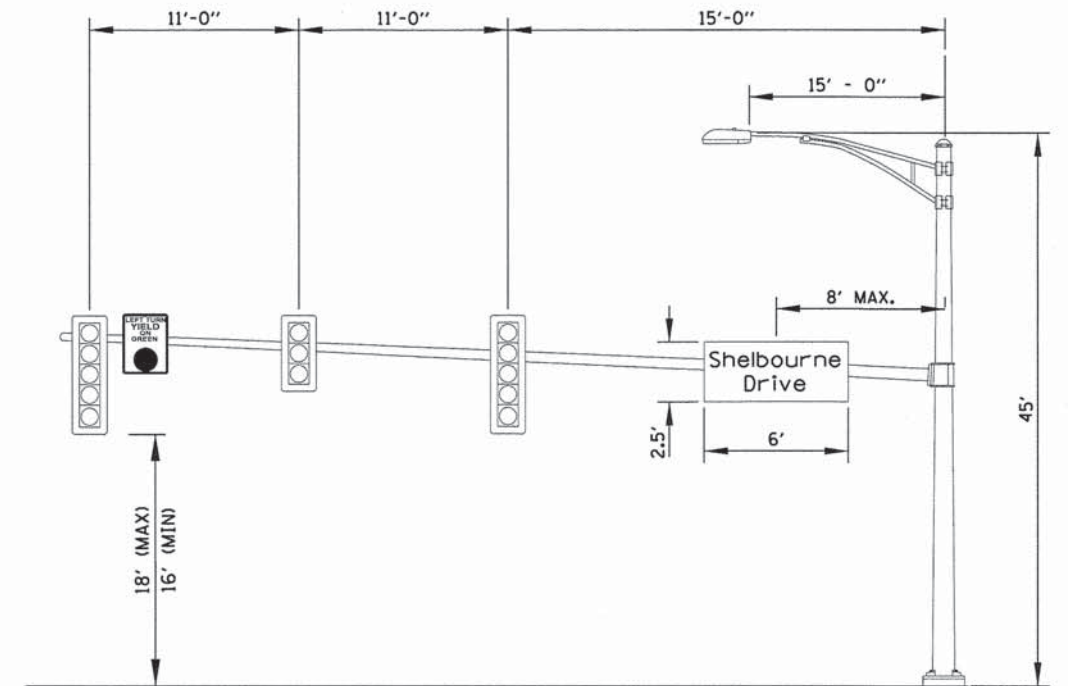
EXISTING POST
SOUTHEAST CORNER
TRAFFIC SIGNAL POST
NTS



POLE #6
NORTHEAST CORNER
PEDESTRIAN SIGNAL POST
NTS

NOTES

1. BACKPLATES SHALL BE PLACED ON EACH SIGNAL HEAD
2. STYLE OF PROPOSED SIGNS, POSTS, AND MAST ARMS SHALL MATCH THE STYLE OF THE EXISTING EQUIPMENT AT THE INTERSECTION.



POLE #1
SHELBOURNE DRIVE AND TOWANDA AVENUE
EASTBOUND SHELBOURNE DRIVE
NTS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAST ARM LOADING DIAGRAM

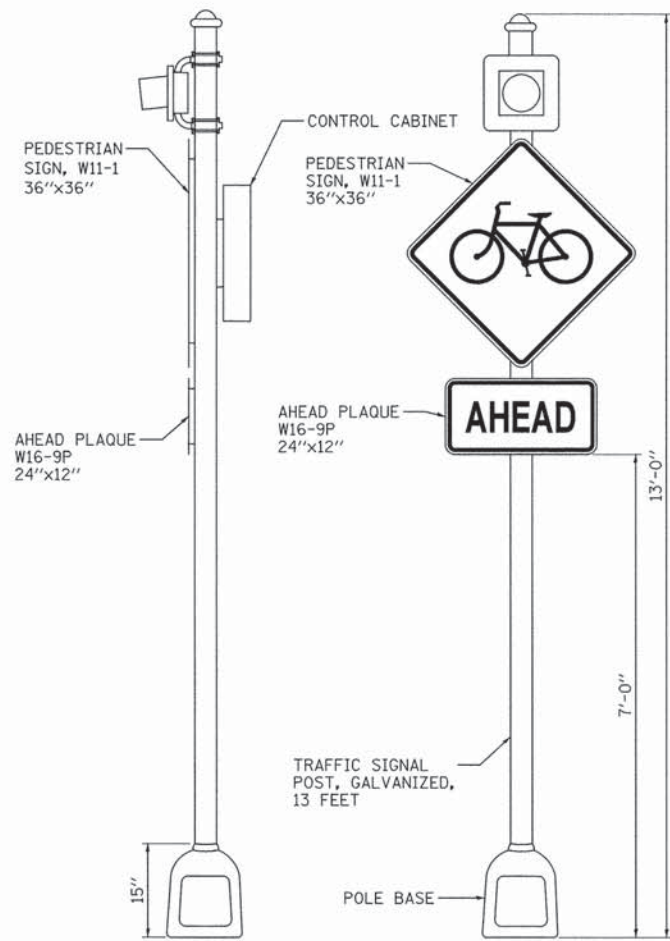
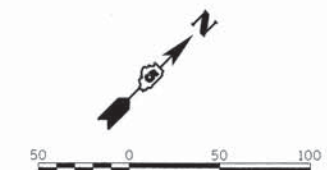
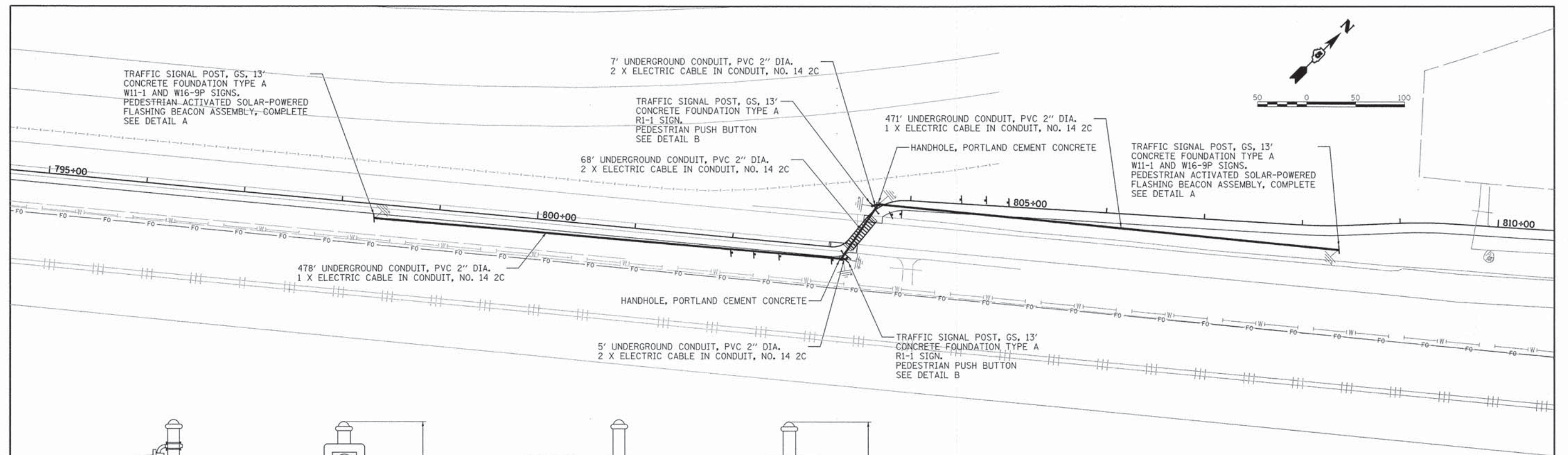
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	36
	C-95-342-13			

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

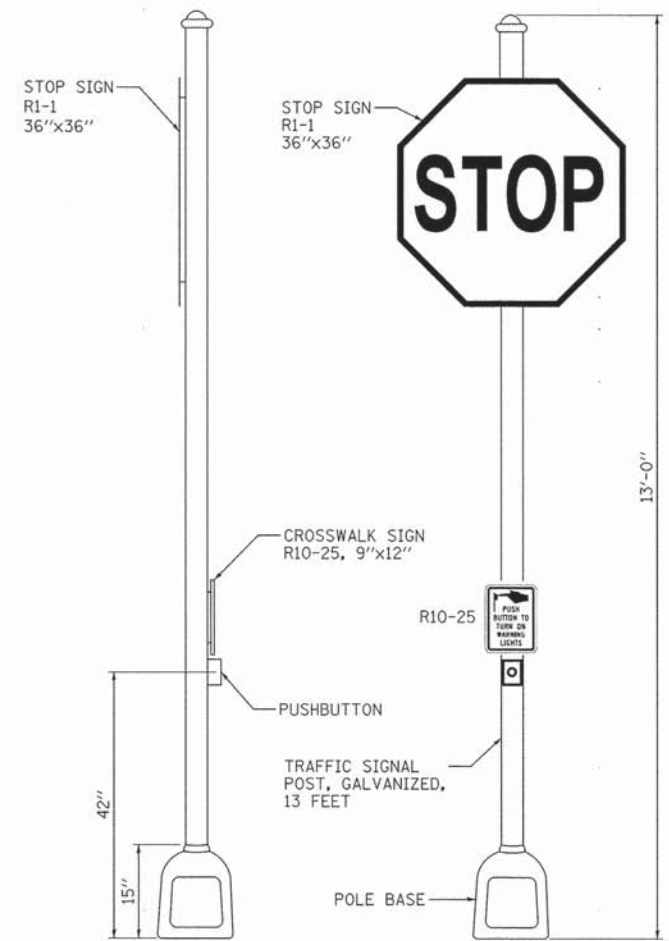
ILLINOIS FED. AID PROJECT

LAYOUT	RLA	6/28/2013
DRAWN	RLA	
REVIEWED	KNB	

USER NAME =	DESIGNED - RLA	REVISED -
PROJECT =	CHECKED - KNB	REVISED -
PLOT SCALE =	DATE - 8/29/14	REVISED -
PLOT DATE =		



DETAIL A
SCALE: N.T.S.



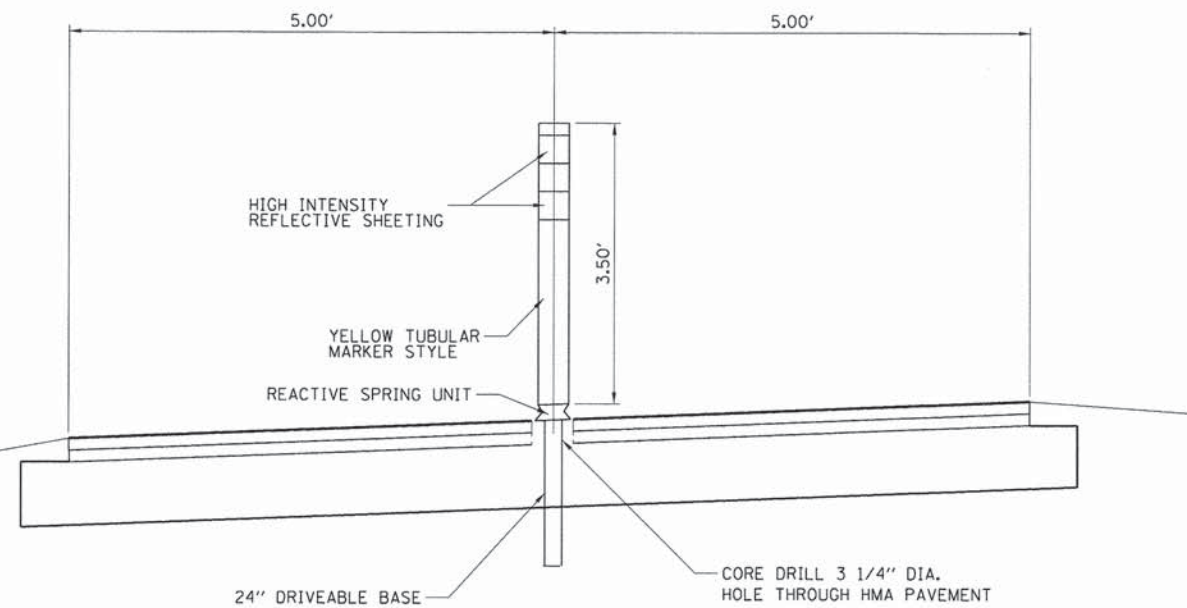
DETAIL B
SCALE: N.T.S.

- NOTES:**
1. THE LOCATIONS OF ALL SIGNAL FOUNDATIONS AND HANDHOLES WILL BE VERIFIED BY THE FIELD ENGINEER.
 2. ALL PEDESTRIAN PUSH BUTTONS SHALL BE MOUNTED A MAXIMUM OF 10\"/>

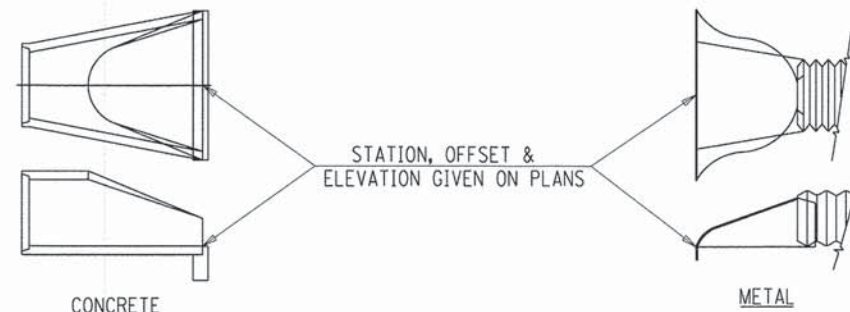
PHASE SEQUENCE		
1. DARK UNTIL ACTIVATED	2. 50 TO 60 PERIODS OF FLASHING PER MINUTE. (17 SECONDS)	3. DARK AGAIN UNTIL ACTIVATED.

BILL OF MATERIALS			
PAY ITEM	ITEM	UNIT	QUANTITY
72400100	SIGN PANEL - TYPE 1	SQ FT	1.5
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1011
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1305
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1070.5
87502470	TRAFFIC SIGNAL POST, GALVANIZED STEEL 13 FT.	EACH	4
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
* X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2

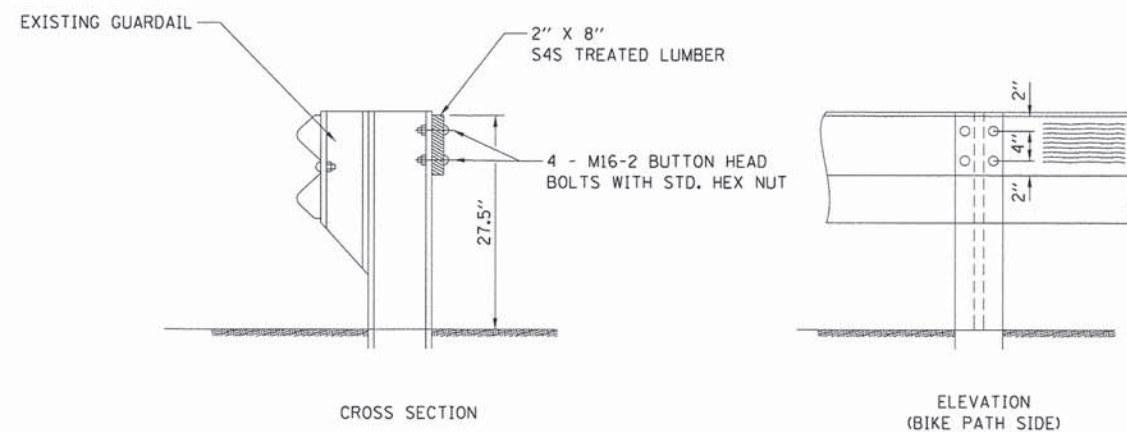
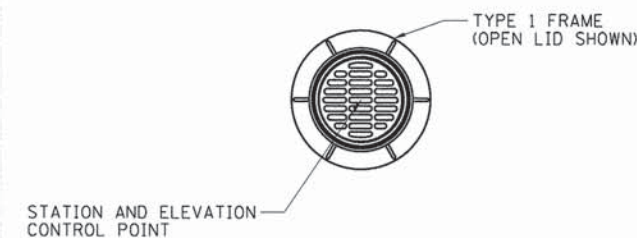
LAYOUT	BWW	10/11/2014
DRAWN	RLA	
REVIEWED	KMB	



BOLLARD ASSEMBLY DETAIL



END SECTION OFFSETS



WOOD RAIL

LAYOUT	BKC	8/29/2014
DRAWN	BKC	
REVIEWED	MH	

USER NAME =	DESIGNED - BKC	REVISED -
PLOT SCALE =	CHECKED - MH	REVISED -
PLOT DATE =	DATE - 8/29/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	37
	C-95-342-13			CONTRACT NO. 91502
ILLINOIS FED. AID PROJECT				

PLAN LABEL CODE: NMV
BIKEWAY ONLY

**NO
MOTOR
VEHICLES**

MUTCD CODE: R5-3
24" X 24"

PLAN LABEL CODE: BRE
BIKEWAY ONLY

BIKE ROUTE

MUTCD CODE: D11-1
24" X 18"

END

MUTCD CODE: M4-12
12" X 4"

PLAN LABEL CODE: SPEC
BIKEWAY ONLY

BIKE ROUTE

MUTCD CODE: N/A
10" X 7"

PLAN LABEL CODE: BW
ROADWAY ONLY

BIKE ROUTE

MUTCD CODE: W11-1
24" X 24"

FLUORESCENT YELLOW-GREEN

RIGHT TURN

MUTCD CODE: M6-2-R
12" X 9"

FLUORESCENT YELLOW-GREEN

LEFT TURN

MUTCD CODE: M6-2-L
12" X 9"

FLUORESCENT YELLOW-GREEN

RIGHT TURN

MUTCD CODE: M5-1-R
12" X 9"

FLUORESCENT YELLOW-GREEN

LEFT TURN

MUTCD CODE: M5-1-L
12" X 9"

FLUORESCENT YELLOW-GREEN

PLAN LABEL CODE: IW
BIKEWAY ONLY

BIKEWAY

MUTCD CODE: W2-1
18" X 18"

BIKEWAY

MUTCD CODE: W2-2
18" X 18"

PLAN LABEL CODE: SS
BIKEWAY AND ROADWAY

STOP

MUTCD CODE: R1-1
18" X 18" (BIKEWAY)
36" X 36" (ROADWAY)

PLAN LABEL CODE: BR
BIKEWAY AND ROADWAY

BIKE ROUTE

MUTCD CODE: D11-1
24" X 18"

BIKEWAY

MUTCD CODE: M7-5
12" X 9"

PLAN LABEL CODE: AW
ROADWAY ONLY

BIKE ROUTE

MUTCD CODE: W11-1
24" X 24"

FLUORESCENT YELLOW-GREEN

AHEAD

MUTCD CODE: W16-9P
24" X 12"

FLUORESCENT YELLOW-GREEN

PLAN LABEL CODE: SA
BIKEWAY ONLY

BIKEWAY

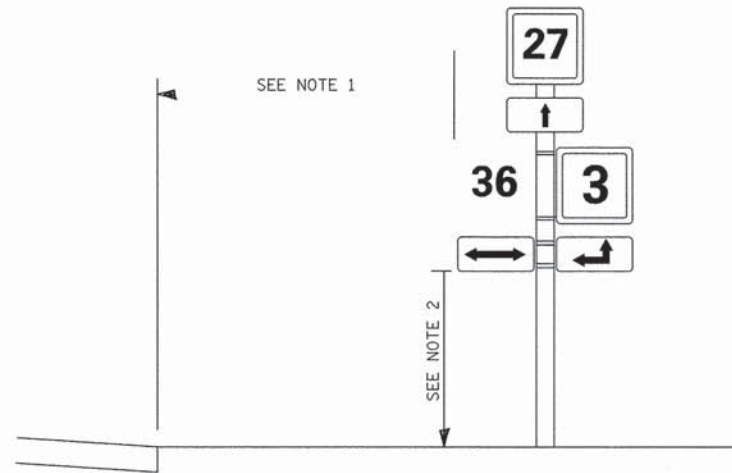
MUTCD CODE: W3-1
18" X 18"

PLAN LABEL CODE: CA
BIKEWAY ONLY

BIKEWAY

MUTCD CODE: W1-4
18" X 18"

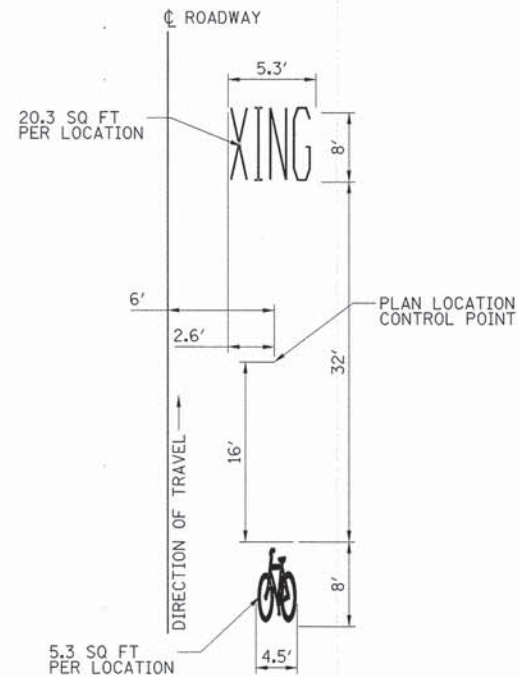
SIGNING LEGEND



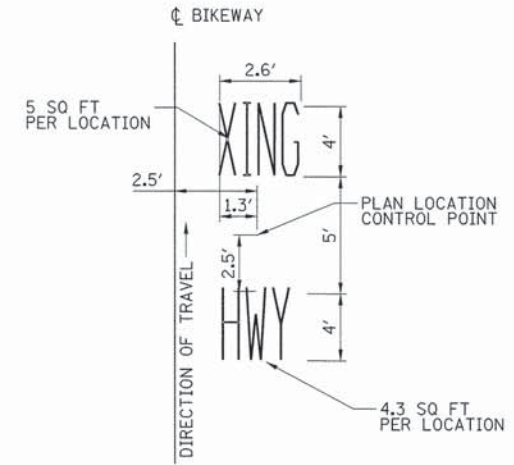
NOTE 1 - 18' MIN. FROM EDGE OF PAVEMENT OF ROADWAY
3' MIN. FROM EDGE OF PAVEMENT OF BIKEWAY

NOTE 2 - 5' FOR BIKEWAY SIGNS
7' FOR ROADWAY SIGNS

SIGN PLACEMENT DETAIL



ROADWAY ADVANCED WARNING PAVEMENT MARKING LAYOUT



BIKEWAY ADVANCED WARNING PAVEMENT MARKING LAYOUT

LAYOUT	BKC	8/29/2014
DRAWN	BKC	
REVIEWED	MH	

USER NAME *	DESIGNED - BKC	REVISED -
PLOT SCALE *	CHECKED - MH	REVISED -
PLOT DATE *	DATE - 8/29/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	38
	C-95-342-13	CONTRACT NO.	91502	
		ILLINOIS FED. AID PROJECT		

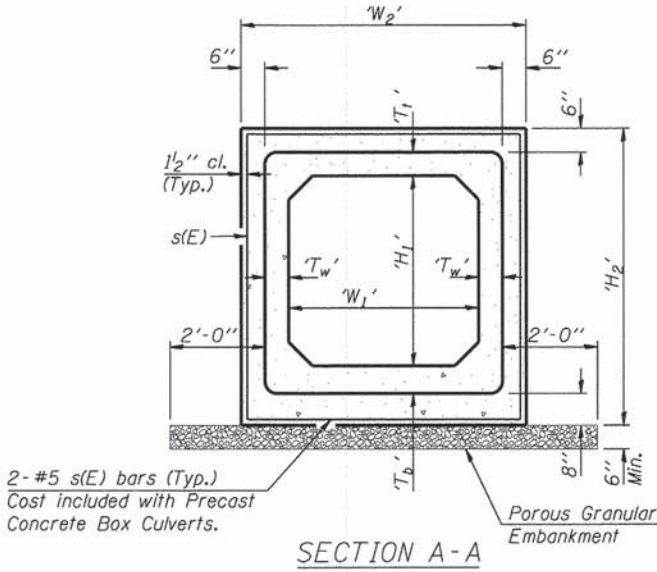
NOTES

Cost for the concrete collar, Porous Granular Embankment and removal of such portions of the existing headwalls and wingwalls as required shall be considered included with PRECAST CONCRETE BOX CULVERTS.

Class SI Concrete shall be used for concrete collar and end section toewall if cast-in-place.

Expansion hook bolts shall meet the requirements of Article 1006.09 of Standard specifications. Hooked bolts shall extend a minimum of 9 inches into the new concrete. The anchoring device shall provide a minimum certified proof load of 7500 lbs.

Remove portions of the existing wingwalls as required to allow the pipe culvert to fit tightly against the headwall or provide another method approved the Engineer to prevent concrete from entering the interior of the pipe culvert. No additional compensation for another method will be allowed.

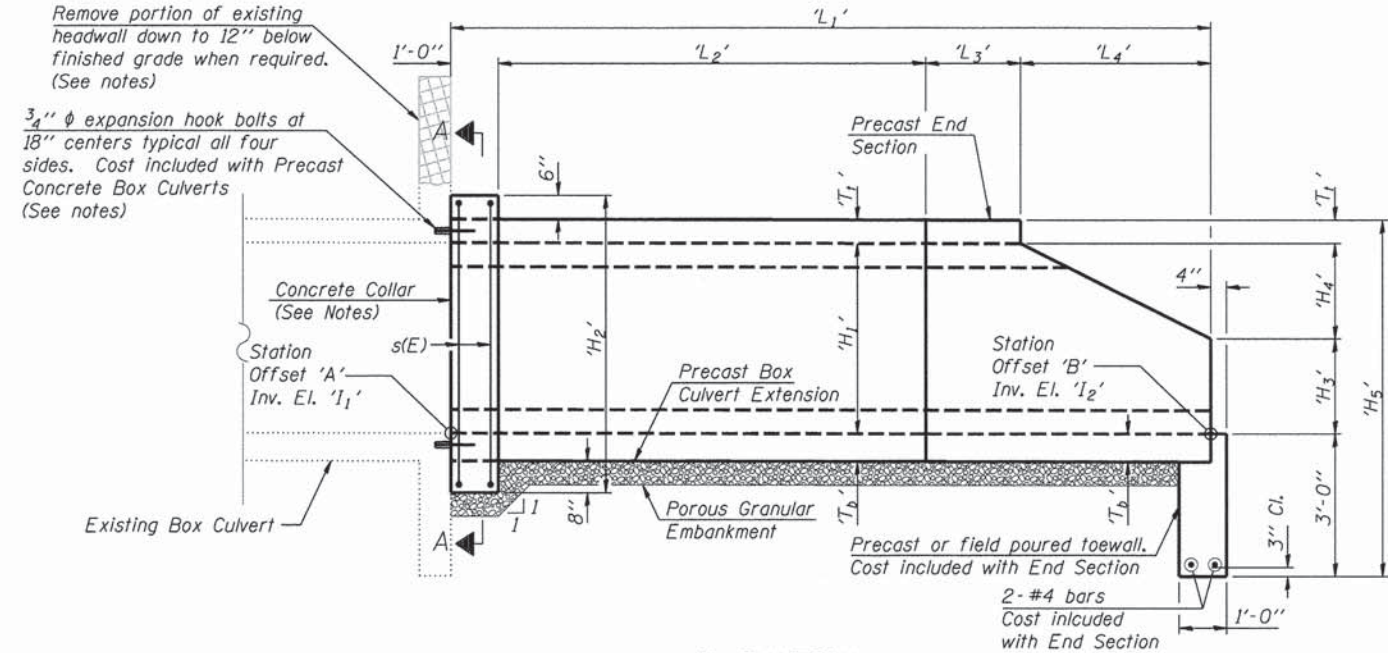


SECTION A-A

PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)

Station	Size (Span x Height)	Length	Skew Angle	Design Fill (ft.)		*PGE backfill required	End Section Pay Item
				Edge of shldr. (minimum)	Maximum		
633+07.67	4' x 2'	13'-0"	90°	2.64	2.82	Yes	Box Culvert End Sections, Culvert No. 1
643+43.01	4' x 4'	10'-0"	90°	3.14	3.14	No	Box Culvert End Sections, Culvert No. 2
716+05.79	4' x 2'	11'-0"	90°	3.49	3.66	Yes	Box Culvert End Sections, Culvert No. 3

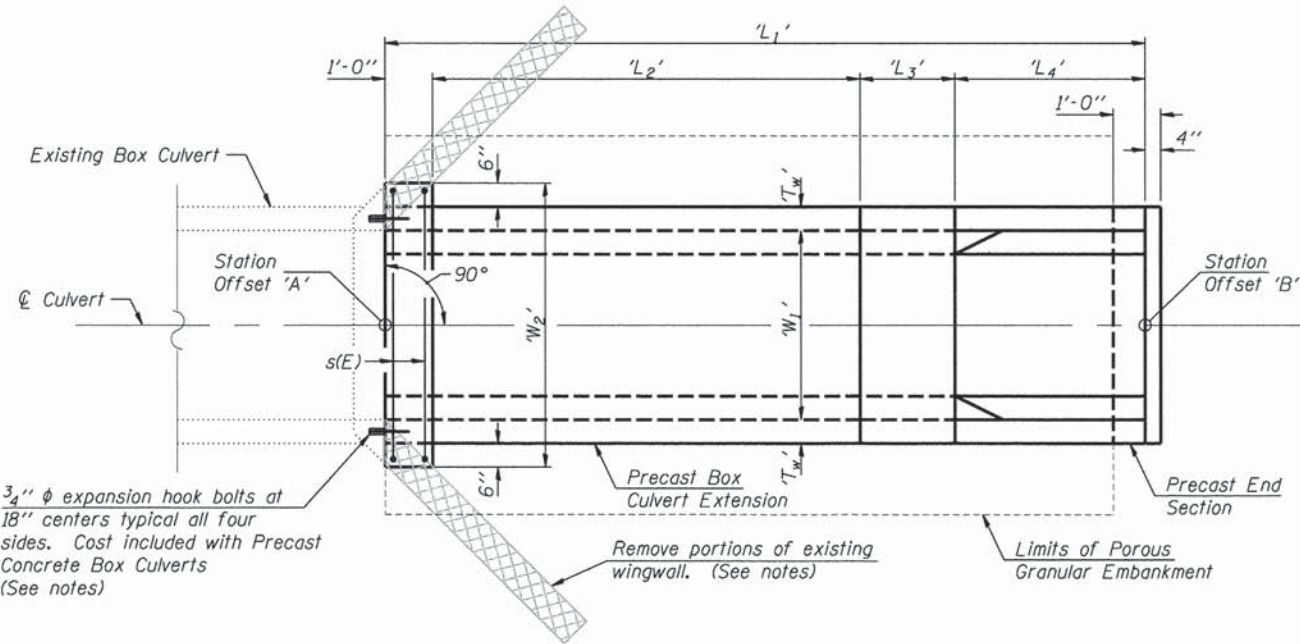
* See bike path plan and profile sheets for limits.



ELEVATION

CONCRETE COLLAR TABULATION (For Information Purpose Only)

Span x Rise	Class SI Conc. Cu. Yd. (Est.)
4' x 2'	0.36
4' x 4'	0.43



PLAN

TABLE OF DIMENSIONS

Station	Offset 'A'	Offset 'B'	'I ₁ '	'I ₂ '	'H ₁ '	'H ₂ '	'H ₃ '	'H ₄ '	'H ₅ '	'W ₁ '	'W ₂ '	'L ₁ '	'L ₂ '	'L ₃ '	'L ₄ '	'T ₁ '	'T ₂ '	'T ₃ '
633+07.67	4'-9"	23'-9"	810.91	810.80	2'-0"	4'-0"	1'-0"	1'-0"	5'-5"	4'-0"	5'-10"	20'-0"	13'-0"	3'-0"	3'-0"	5"	5"	5"
643+43.01	12'-9"	28'-9"	796.57	796.26	4'-0"	6'-0"	2'-0"	2'-0"	7'-5"	4'-0"	5'-10"	17'-0"	10'-0"	2'-0"	4'-0"	5"	5"	5"
716+05.79	7'-10"	24'-10"	806.34	806.35	2'-0"	4'-0"	1'-0"	1'-0"	5'-5"	4'-0"	5'-10"	18'-0"	11'-0"	3'-0"	3'-0"	5"	5"	5"

LAYOUT
 DRAWN
 REVIEWED
 JGT
 05-01/13
 05-08/13
 05-10/13

USER NAME *
 DESIGNED - MNM
 CHECKED - JGT
 DATE - 8/29/14
 PLOT SCALE *
 PLOT DATE *

REVISED
 REVISED
 REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BOX CULVERT EXTENSION DETAILS (SHEET 1 OF 3)

F.A.
 RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEET NO.
 11-00001-02-BT
 MCLEAN
 49
 39
 C-95-342-13
 CONTRACT NO. 91502
 ILLINOIS FED. AID PROJECT

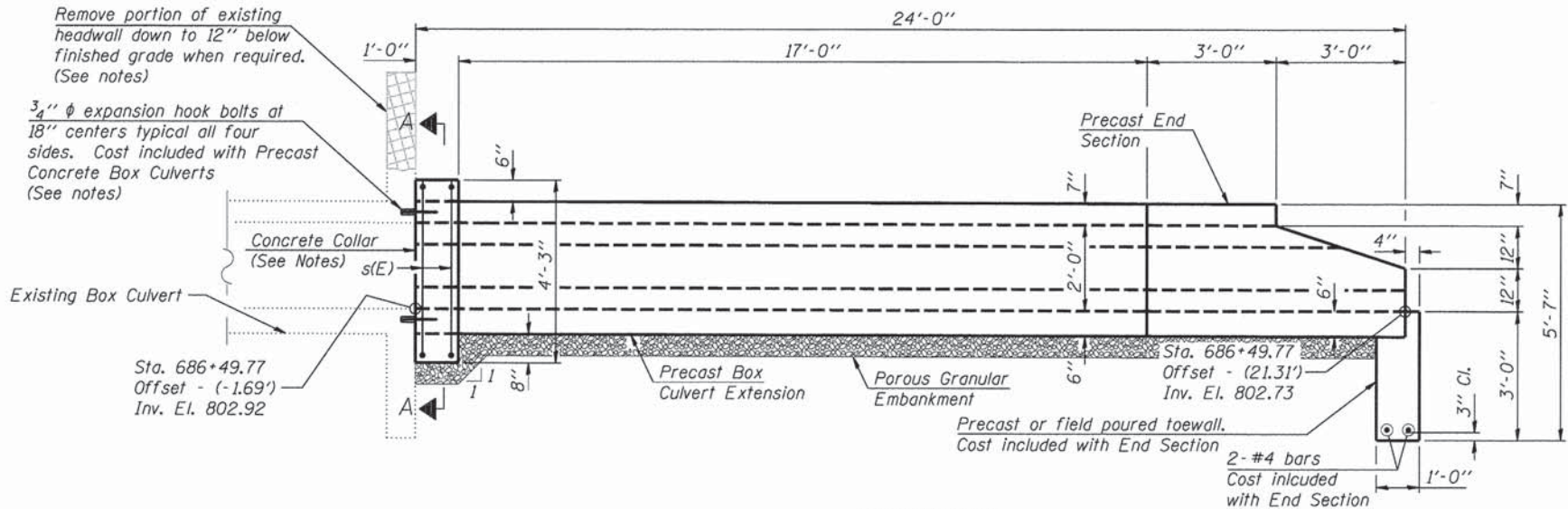
NOTES

Cost for the concrete collar, Porous Granular Embankment and removal of such portions of the existing headwalls and wingwalls as required shall be considered included with PRECAST CONCRETE BOX CULVERTS.

Class SI Concrete shall be used for concrete collar and end section toewall if cast-in-place.

Expansion hook bolts shall meet the requirements of Article 1006.09 of Standard specifications. Hooked bolts shall extend a minimum of 9 inches into the new concrete. The anchoring device shall provide a minimum certified proof load of 7500 lbs.

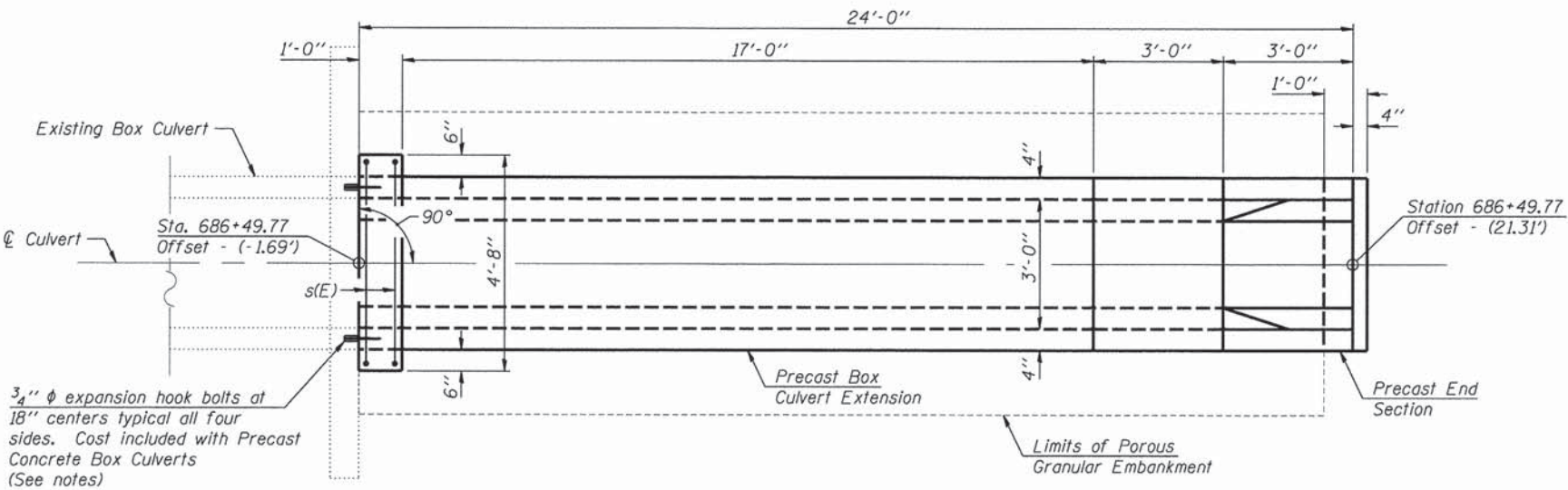
Remove portions of the existing wingwalls as required to allow the pipe culvert to fit tightly against the headwall or provide another method approved the Engineer to prevent concrete from entering the interior of the pipe culvert. No additional compensation for another method will be allowed.



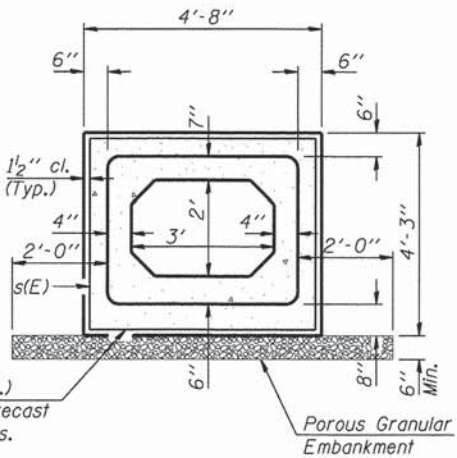
ELEVATION

CONCRETE COLLAR TABULATION (For Information Purpose Only)

Span x Rise	Class SI Conc. Cu. Yd. (Est.)
3' x 2'	0.32



PLAN



SECTION A-A

PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)

Station	Size (Span x Height)	Length	Skew Angle	Design Fill (ft.)		*PGE backfill required	End Section Pay Item
				Edge of shldr. (minimum)	Maximum		
686+49.77	3' x 2'	17'-0"	90°	1.37	1.69	Yes	Box Culvert End Sections, Culvert No. 4

* See bike path plan and profile sheets for limits.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT EXTENSION DETAILS (SHEET 2 OF 3)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11-00001-02-BT	MCLEAN	49	40	
C-95-342-13	CONTRACT NO.	91502		

ILLINOIS FED. AID PROJECT

Cost for the concrete collar, Porous Granular Embankment and removal of such portions of the existing headwalls and wingwalls as required shall be considered included with PRECAST CONCRETE BOX CULVERTS.

Expansion hook bolts shall meet the requirements of Article 1006.09 of Standard specifications. Hooked bolts shall extend a minimum of 9 inches into the new concrete. The anchoring device shall provide a minimum certified proof load of 7500 lbs.

Technical drawing of a box culvert cross-section. The drawing shows a central rectangular culvert with rounded corners, surrounded by a concrete wall and an outer structure. Dimensions are given in feet and inches. The overall width is 8'-2", with 6" on each side. The overall height is 4'-11", with 4'-3" for the main structure and 2'-0" for the base. The culvert opening is 6'-0" wide and 3'-0" high. The concrete wall is 8" thick. The base is 8" thick. The drawing also shows reinforcement bars (E bars) and a porous granular embankment.

Dimensions and components shown in the drawing:

- Overall width: 8'-2"
- Side offsets: 6" (each side)
- Inner width: 7'-2"
- Top offset: 8"
- Overall height: 4'-11"
- Main structure height: 4'-3"
- Base offset: 2'-0"
- Culvert opening width: 6'-0"
- Culvert opening height: 3'-0"
- Inner width of opening: 7"
- Inner height of opening: 7"
- Concrete wall thickness: 8"
- Base thickness: 8"
- Reinforcement: 1 1/2" cl. (Typ.)
- Base reinforcement: 2'-0" s(E)
- Embankment: Porous Granular Embankment
- Minimum height: 6" Min.

Remove portion of existing headwall down to 12" below finished grade when required. (See notes)

3/4" ϕ expansion hook bolts at 18" centers typical all four sides. Cost included with Precast Concrete Box Culverts (See notes)

Existing Box Culvert

Concrete Collar (See Notes)

Sta. 663+61.76 Offset - (1.78') Inv. El. 797.41

External Sealing Band full length Top of Box according to Article 1057, Cost included with Precast Concrete Box Culverts

Precast Box Culvert Extension

Porous Granular Embankment

Precast End Section

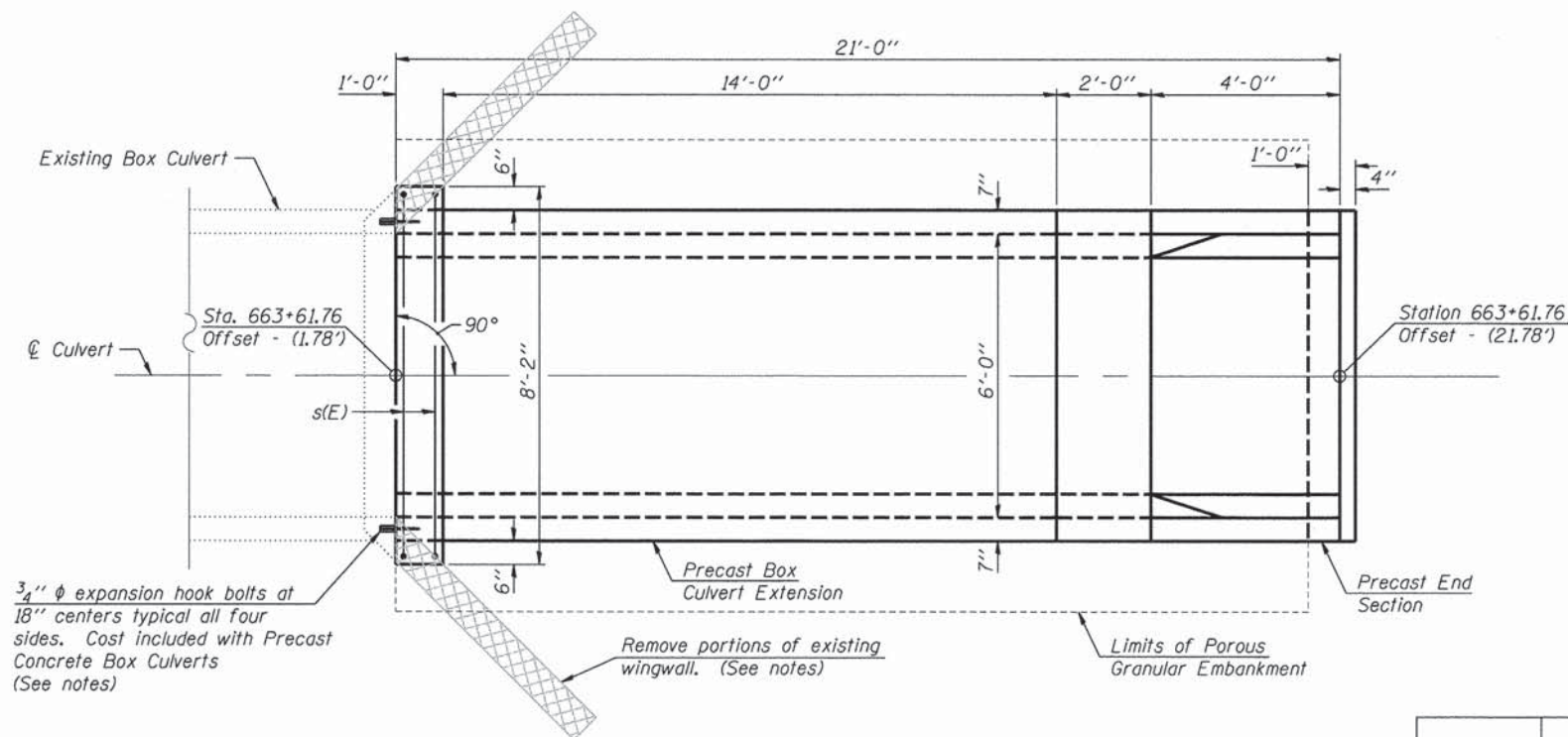
Precast or field poured toewall. Cost included with End Section

2-#4 bars Cost included with End Section

Sta. 663+61.76 Offset - (21.78') Inv. El. 797.39

ELEVATION

Span x Rise	Class SI Conc. Cu. Yd. (Est.)
6' x 3'	0.36

Concrete Removal
(See Notes)

Station	Size (Span x Height)	Length	Skew Angle	Design Fill (ft.)		*PGE backfill required	End Section Pay Item
				Edge of shldr. (minimum)	Maximum		
663+61.76	6' x 3'	14'-0"	90°	0.28	0.55	Yes	Box Culvert End Sections, Culvert No. 5

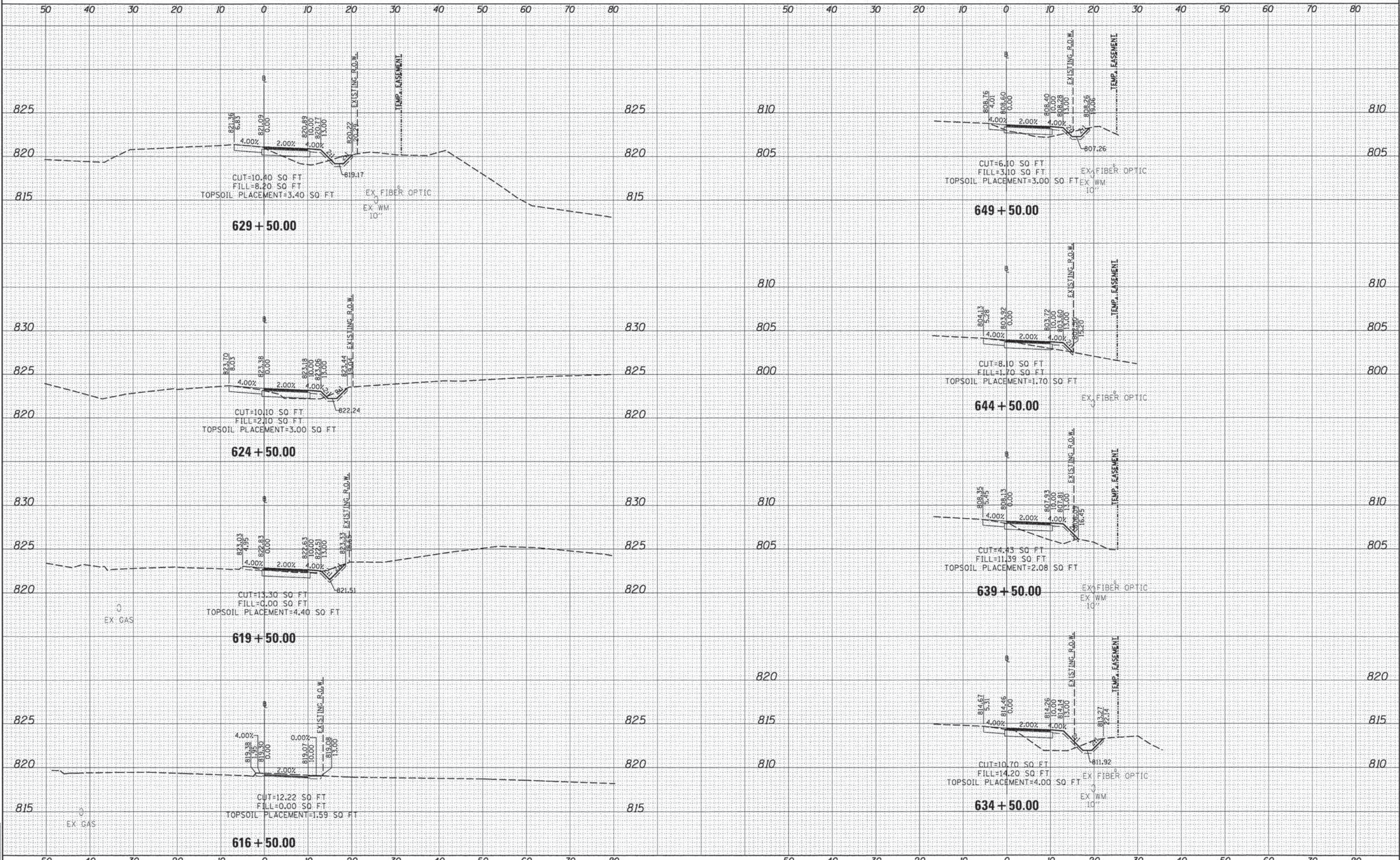
LAYOUT	MNM	05-01-13
DRAWN	DAP	05-08-13
REVIEWED	JGT	05-10-13

FILE NAME *	USER NAME *	DESIGNED - MNM	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT EXTENSION DETAILS (SHEET 3 OF 3)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DAP	REVISED				11-00001-02-BT	MCLEAN	49	41
	PLOT SCALE *	CHECKED - JGT	REVISED			C-95-342-13	CONTRACT NO. 91502			
	PLOT DATE *	DATE - 8/29/14	REVISED			ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /
REVIEWED	MH	/ /

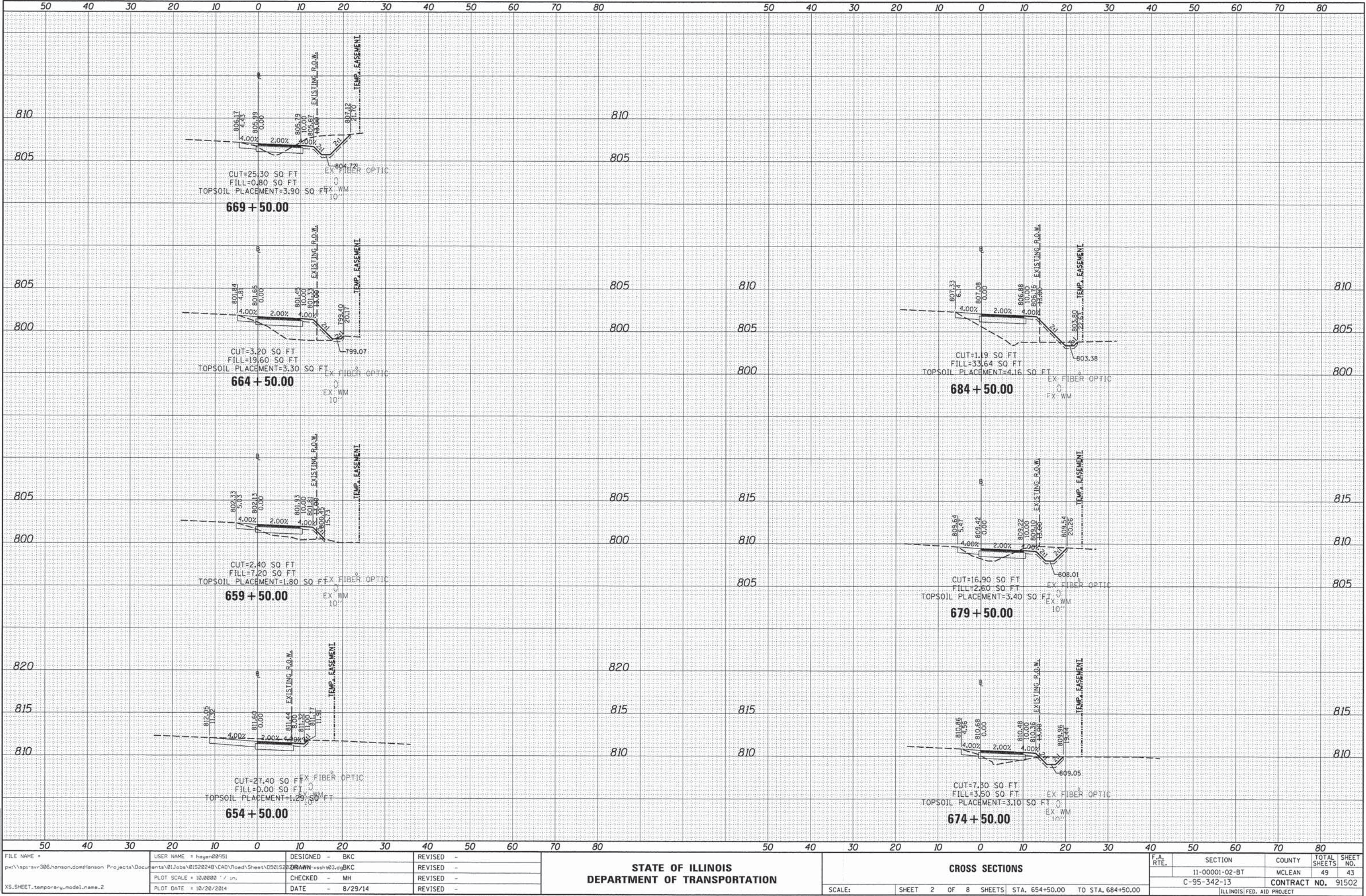


FILE NAME =	USER NAME = heym08951	DESIGNED - BKC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	SCALE: SHEET 1 OF 8 SHEETS STA. 616+50.00 TO STA. 649+50.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pxi\\spisvr306.hanson.domhanson Projects\Documents\01\Jobs\01S2024B\CAD\Road\Sheet\0501S2024B\Drawn\ssht03.dgn	PLLOT SCALE = 10.0000' / 1in.	CHECKED - MH	REVISED -					11-00001-02-BT	MCLEAN	49	42
XS.SHEET_temporary_model_name.1	PLLOT DATE = 10/20/2014	DATE - 8/29/14	REVISED -					C-95-342-13	CONTRACT NO.	91502	

FINAL	DATE
SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL	DATE
SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /
REVIEWED	MH	/ /



FILE NAME *	USER NAME *	DESIGNED -	REVISED -
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PLOT SCALE *	CHECKED -	REVISED -	REVISED -
PLOT DATE *	DATE -	REVISED -	REVISED -
XS.SHEET_temporary_model_name.2	8/29/14		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

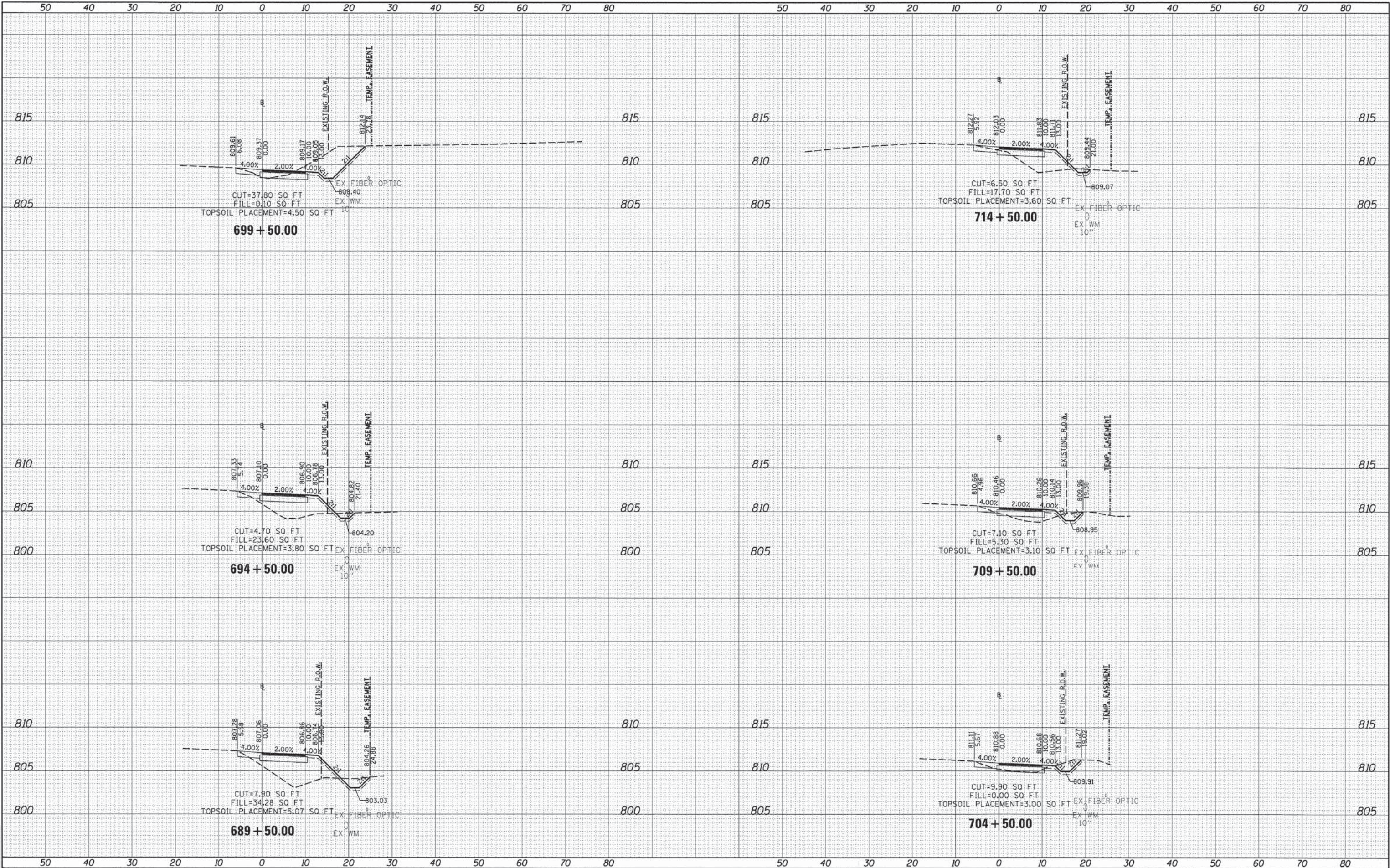
SCALE: SHEET 2 OF 8 SHEETS STA. 654+50.00 TO STA. 684+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	43
	C-95-342-13		CONTRACT NO.	91502
			ILLINOIS FED. AID PROJECT	

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

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

LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /
REVIEWED	MH	/ /

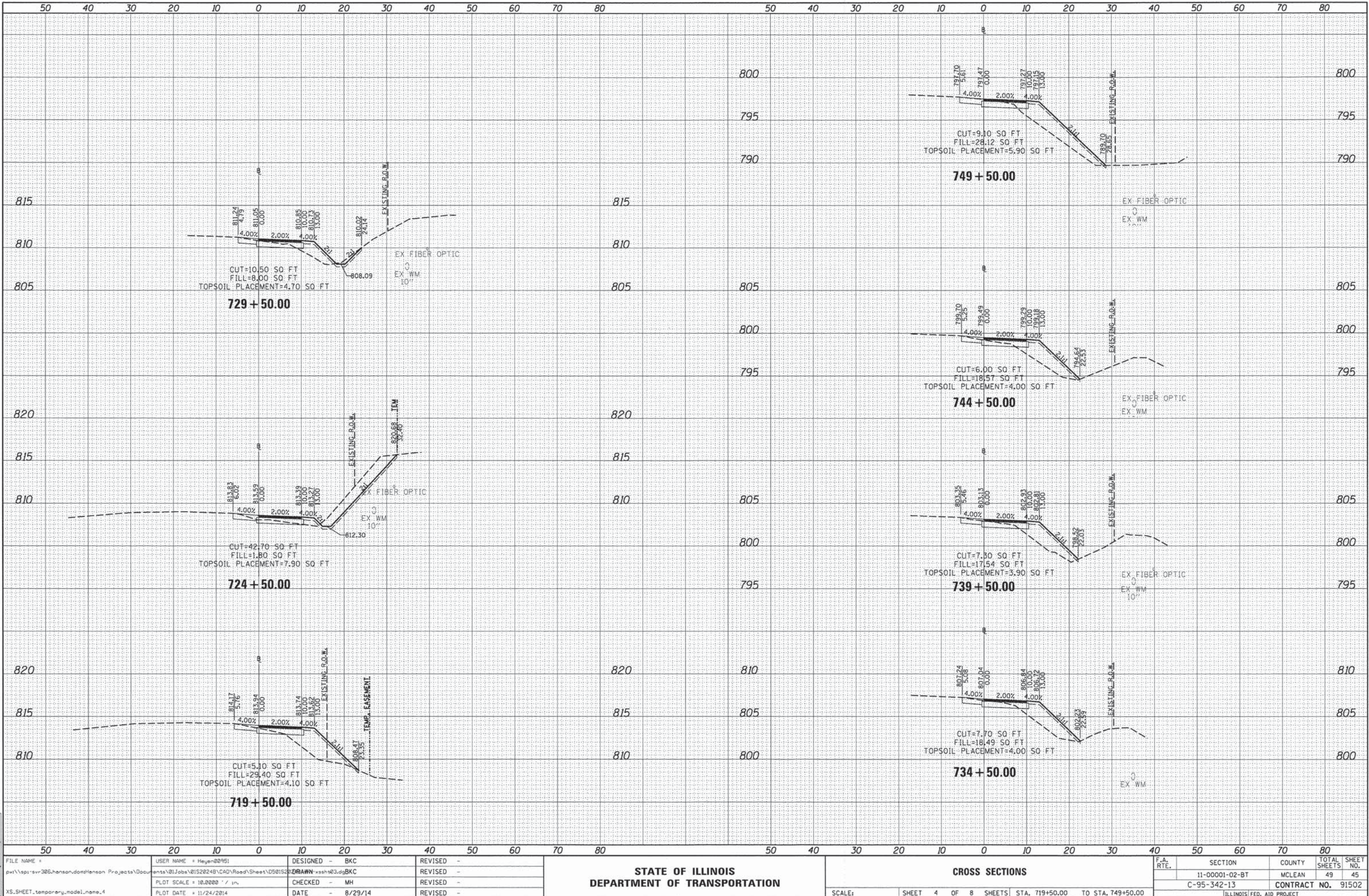


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PLOT SCALE = 10.0000' / 1"	CHECKED - MH	REVISED -	C-95-342-13					CONTRACT NO. 91502			
PLOT DATE = 10/20/2014	DATE - 8/29/14	REVISED -	ILLINOIS FED. AID PROJECT								

FINAL	BY	DATE
SURVEY		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
CHECKED		

ORIGINAL	BY	DATE
SURVEY		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
CHECKED		

LAYOUT	BKC	8/7/2014
DRAWN	BKC	/ /
REVIEWED	MH	/ /



FILE NAME =	USER NAME = Heyen00951	DESIGNED - BKC	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

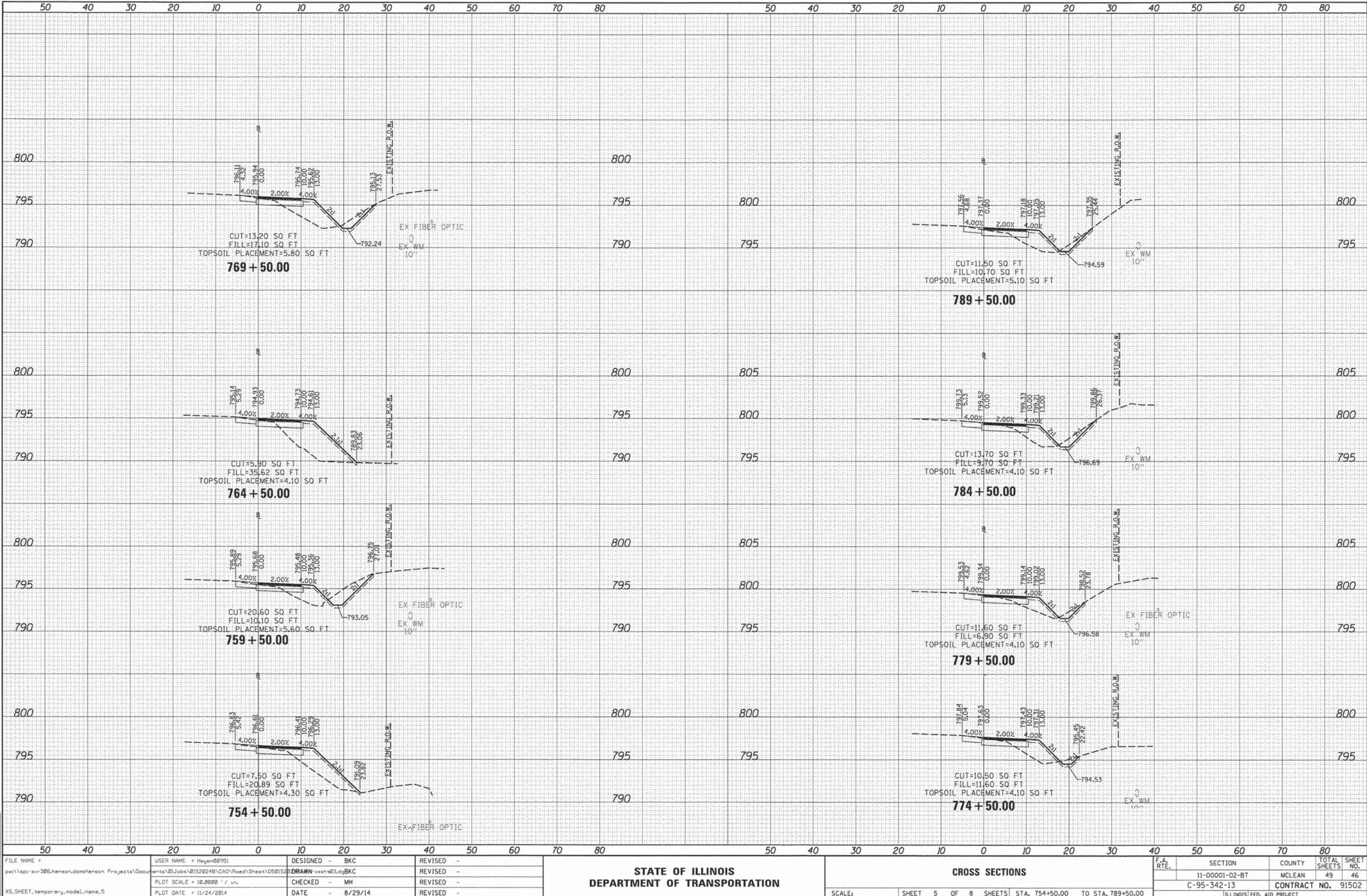
SCALE: SHEET 4 OF 8 SHEETS STA. 719+50.00 TO STA. 749+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	45
	C-95-342-13		CONTRACT NO.	91502
			ILLINOIS FED. AID PROJECT	

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

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

LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /
REVIEWED	MH	/ /



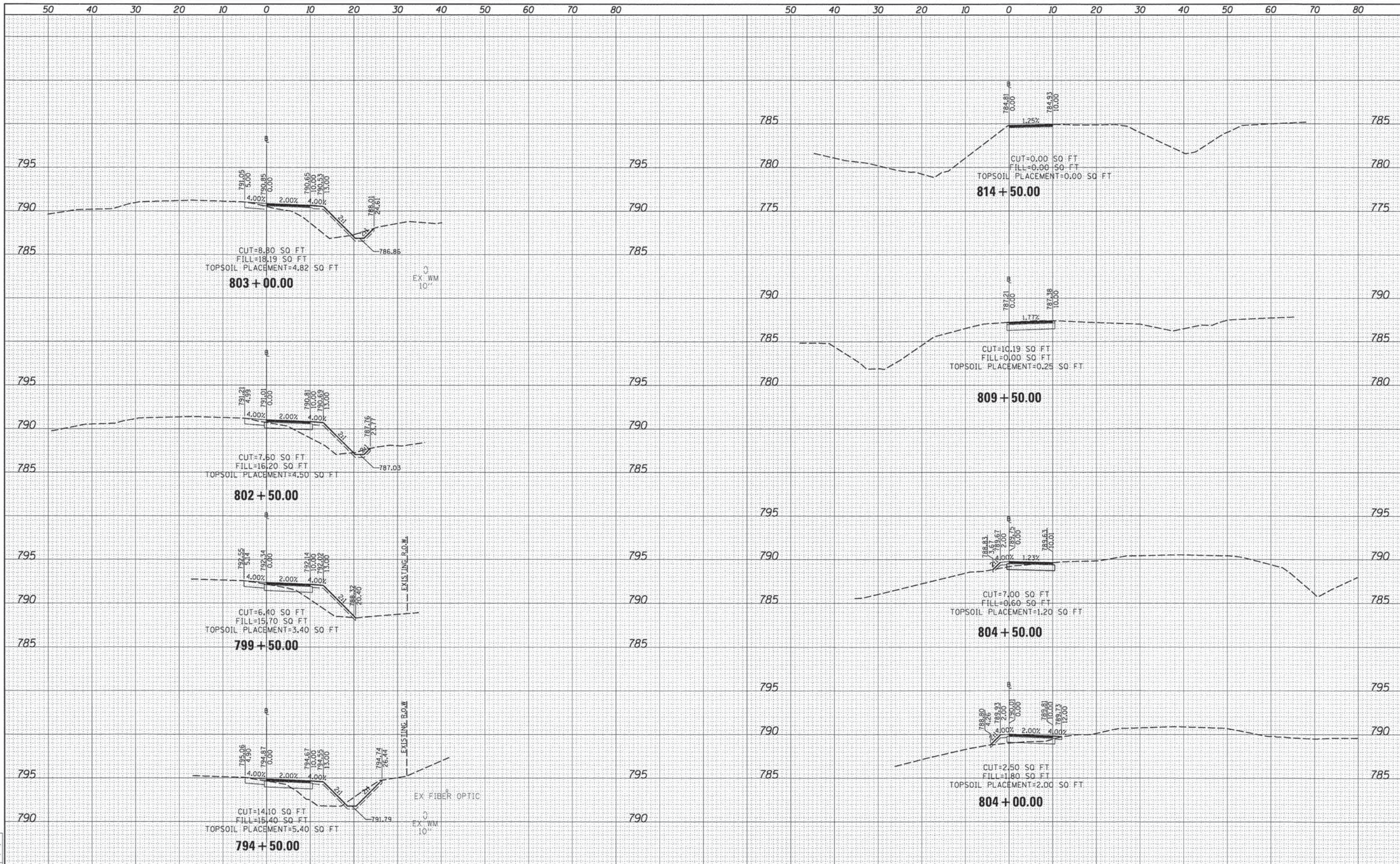
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET 5 OF 8 SHEETS STA. 754+50.00 TO STA. 789+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00001-02-BT	MCLEAN	49	46
	C-95-342-13		CONTRACT NO.	91502
				ILLINOIS FED. AID PROJECT

LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /

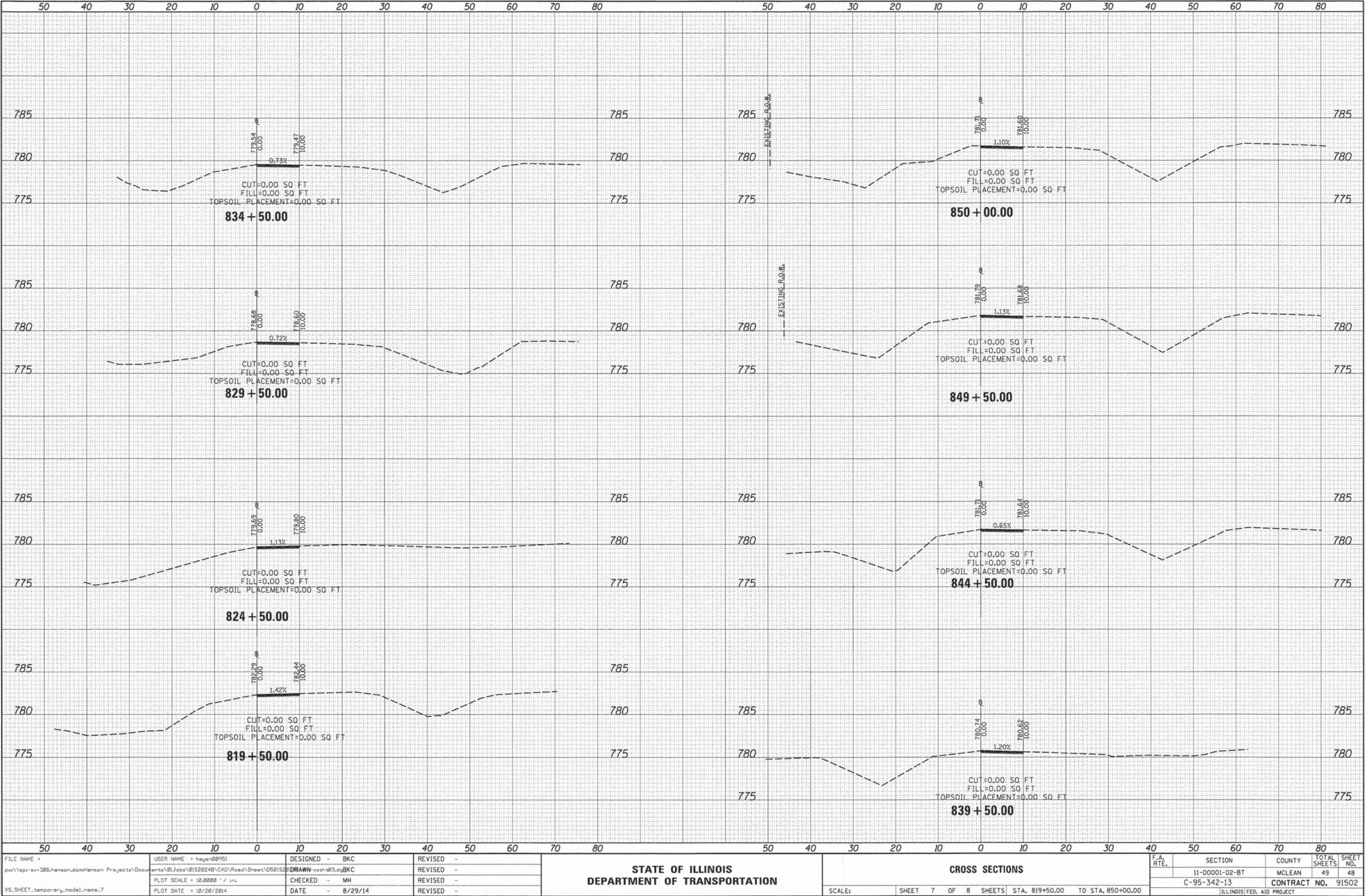


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XS.SHEET=temporary.model.name.6 PLOT DATE = 10/20/2014 DATE = 8/29/14 REVISED -																											
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														F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.													
														11-00001-02-BT MCLEAN 49 47													
														C-95-342-13 CONTRACT NO. 91502													
														SCALE: SHEET 6 OF 8 SHEETS STA. 794+50.00 TO STA. 814+50.00													
														ILLINOIS FED. AID PROJECT													

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

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

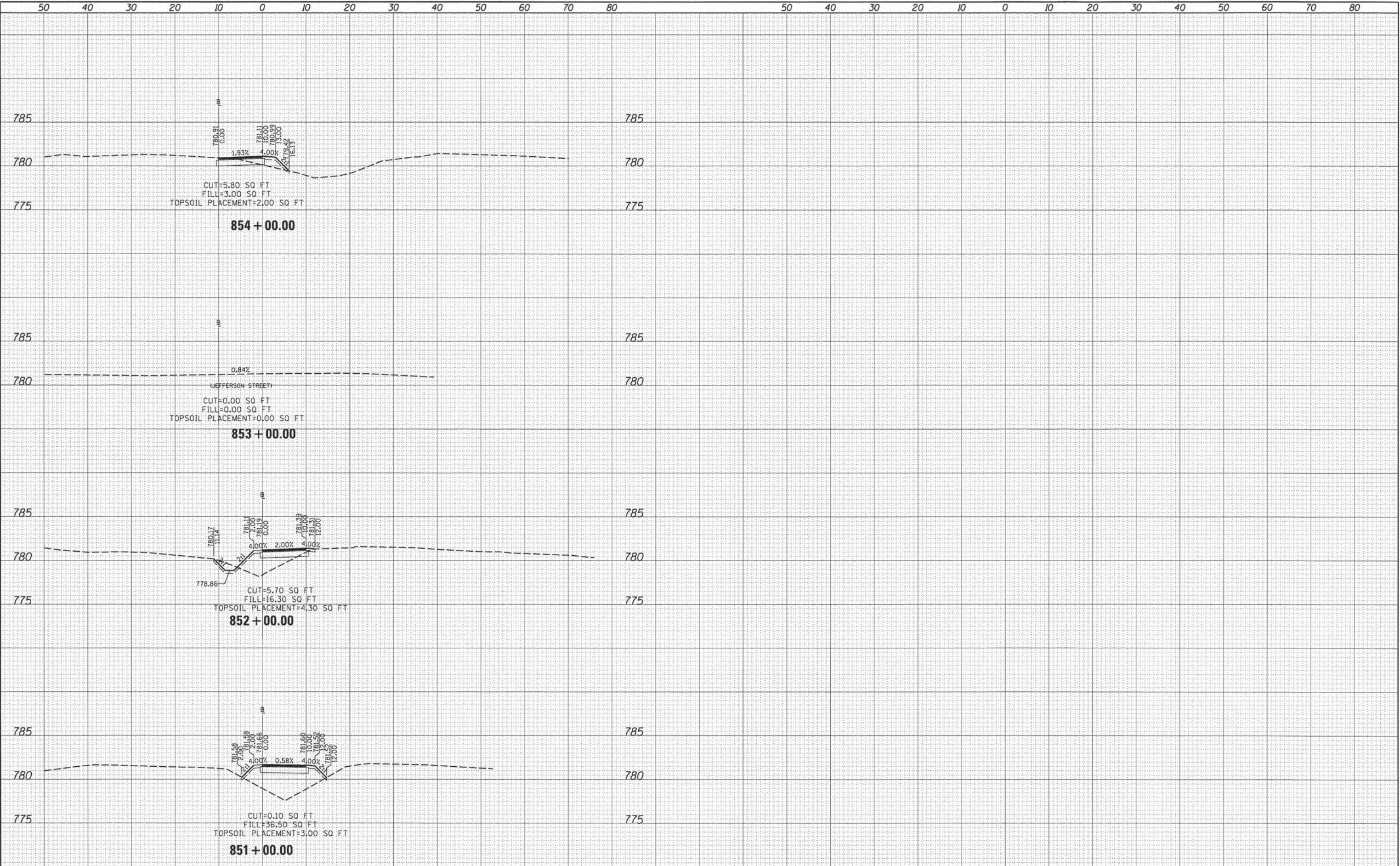
LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /
REVIEWED	MH	/ /



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

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

LAYOUT	BKC	8/29/2014
DRAWN	BKC	/ /
REVIEWED	MH	/ /



50		40		30		20		10		0		10		20		30		40		50		60		70		80		50		40		30		20		10		0		10		20		30		40		50		60		70		80	
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PLOT SCALE = 10.0000' / 1"				CHECKED - MH				REVISED -				C-95-342-13																												CONTRACT NO. 91502															
XS.SHEET_temporary_model_name.8				PLOT DATE = 10/20/2014				DATE - 8/29/14				REVISED -																												ILLINOIS FED. AID PROJECT															