04-24-2015 LETTING ITEM 109

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-P4003-03-BT	ADAMS	131	1
	ILLINOIS	CONTRACT NO. 93630		

STATE OF ILLINOIS – DEPARTMENT OF TRANSPORTATION

QUINCY PARK DISTRICT

PROPOSED

MULTI–USE TRAIL IMPROVEMENTS

BILL KLINGNER TRAIL – 5TH STREET TO 12TH STREET

SECTION 10–P4003–03–BT

PROJECT NO. TE–0ƆD6(118)

JOB NO.: C–96–237–14

ADAMS COUNTY, IL

SURFACE TRANSPORTATION /ENHANCEMENT PROGRAM

INDEX OF SHEETS

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40–41	PARKING LOT DETAILS
42	GEOMETRIC DETAILS
43–49	STORMWATER POLLUTION PREVENTION PLAN
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60–71	SN 001–8001 PLANS
72–73	MISCELLANEOUS DETAILS
74–126	CROSS SECTIONS – BILL KLINGNER TRAIL
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HIGHWAY STANDARDS

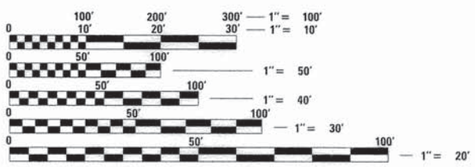
SEE SHEET 2 FOR LIST OF STANDARDS

DESIGN DESIGNATION

MULTI–USE PATH
DESIGN SPEED: 20 MPH

PROJECT DESRIPTION

Project consists of construction of a new pedestrian /bike path along Cedar Creek, involving HMA pavement, aggregate shoulders, drainage structures, prefabricated bridges, retaining walls, erosion control, fencing, seeding, signage, pavement stripping and other miscellaneous appurtenances.

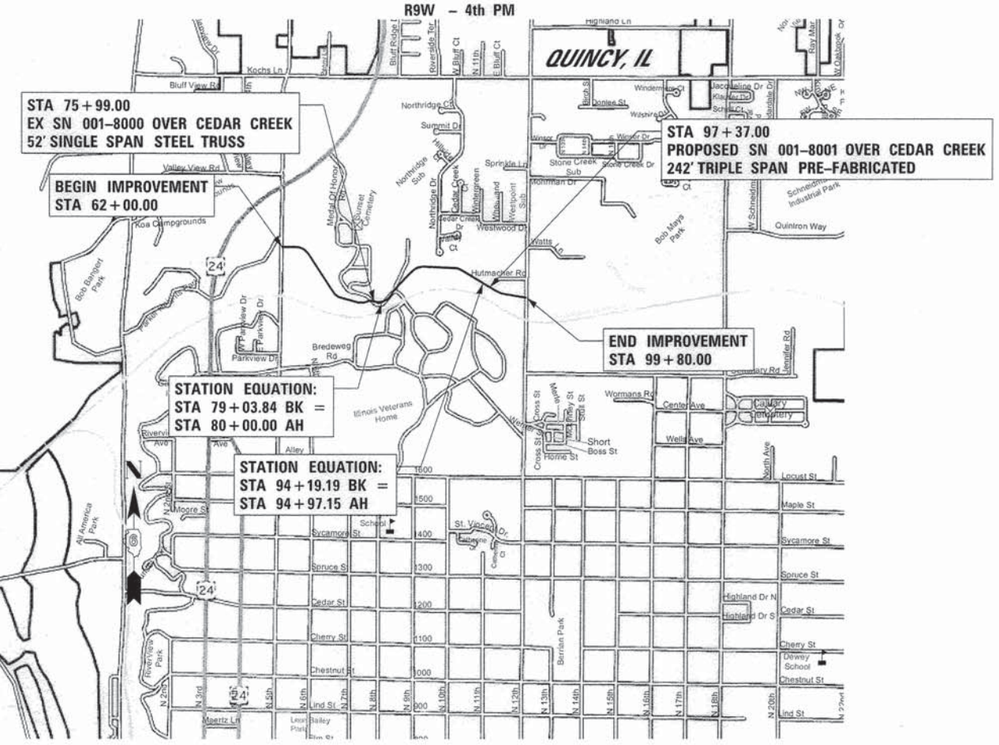


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

R9W – 4th PM

T1S



LOCATION MAP

0 500' 1000' 2000'
SCALE: 1" = 1000'

NET LENGTH OF SECTION = 3,605.88 FT. = 0.683 MILES

LOCATION OF SECTION INDICATED THUS: –

APPROVED January 16 20 15
Ron Fel
EXECUTIVE DIRECTOR, QUINCY PARK DISTRICT

PASSED 2-10 20 15
Susan J Graham
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS

PASSED 2-10 20 15
Ron Ambeau
DISTRICT SIX ENGINEER OF CONSTRUCTION

Releasing For Bid Based on Limited Review 2-10 20 15
Roger L. Driskell
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Plans prepared by:
KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 North 24th Street, Quincy, IL Ph (217)223-3670 - Fax (217)223-3603
4510 Paris Gravel Road, Hannibal, MO Ph (573)221-0020 - Fax (573)221-0012
610 N. 4th Street, Suite 100, Burlington, IA Ph (319)752-3603 - Fax (319)752-3605
49 North Prairie Street, Galesburg, IL Ph (309)342-4042 - Fax (309)341-3781
Internet Address: www.klingner.com
IL DESIGN FIRM NO.: 1842738

STEVE E. BANGE 062-053338 LICENSED PROFESSIONAL ENGINEER ILLINOIS

Steve E Bange 1/16/15
STEVE E. BANGE DATE

REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062.053338
LICENSE EXPIRES NOVEMBER 30, 2015

CONTRACT NO. 93630

HIGHWAY STANDARDS

000001-06	Standard Symbols, Abbreviations and Patterns
001001-02	Areas of Reinforcement Bars
280001-07	Temporary Erosion Control Systems
420001-08	Pavement Joints
424001-08	Perpendicular Curb Ramps for Sidewalks
515001-03	Name Plate for Bridges
542301-03	Precast Reinforced Concrete Flared End Section
542401-01	Metal End Section for Pipe Culverts
602016-02	Catch Basin, Type D
602306-03	Inlet, Type B
602401-03	Manhole, Type A
602406-06	Manhole, Type A, 600(1.8 m) Diameter
602601-03	Precast Reinforced Concrete Flat Slab Top
602701-02	Manhole Steps
604001-04	Frame and Lids, Type 1
604036-03	Grate, Type 8
604066-02	Frame and Lid, Type 15
606001-06	Concrete Curb Type B and Combination Concrete Curb and Gutter
606101-04	Type A Gutter (Inlet, Outlet, and Entrance)
606106-04	Outlet, Type L for Type A Gutter
664001-02	Chain Link Fence
701001-02	Off-Road Operations, 2L, 2W, More Than 1500(4.5 m) Away
701301-04	Lane Closure, 2L, 2W, Short Time Operations
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701901-04	Traffic Control Devices
720001-01	Sign Panel Mounting Details
720006-04	Sign Panel Erection Details
720011-01	Metal Posts for Signs, Markers and Delineators
729001-01	Applications of Types A and B Metal Posts (For Signs & Markers)
780001-05	Typical Pavement Markings
BLR 10-6	PCC Pavement Special

GENERAL NOTES

1. THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

2. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

3. ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT SEA LEVEL, UNLESS OTHERWISE NOTED.

4. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION, AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT HIS OR HER OPERATIONS ACCORDINGLY.

5. THE FOLLOWING UTILITIES HAVE FACILITIES WITHIN THE LIMITS OF CONSTRUCTION:

CITY OF QUINCY	SANITARY SEWER	730 MAINE ST, QUINCY, IL	217-228-4555
CITY OF QUINCY	WATER	730 MAINE ST, QUINCY, IL	217-228-4580
AMERITECH	TELEPHONE	1640 HAZEL DELL RD, SPRINGFIELD IL	217-789-5504
AMEREN CIPS	ELECTRICAL	700 JERSEY, QUINCY, IL	1-800-789-2477
AMEREN CIPS	GAS	700 JERSEY, QUINCY, IL	217-257-7604
COMCAST	CABLE	2930 STATE ST, QUINCY, IL	217-222-5388
ILLINOIS VETERANS HOME	STORM SEWER		217-222-8641

6. ADJUSTMENTS OF UTILITY LOCATIONS SHALL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED.

7. THE DEPTH OF DRAINAGE STRUCTURES MAY BE ADJUSTED VERTICALLY DUE TO CONFLICTS WITH OTHER UTILITY LINES AS APPROVED BY THE ENGINEER. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR THE DRAINAGE STRUCTURE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

8. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER ON THE COVER SHEET.

9. ALL DETAILS IN THESE PLANS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL GOVERN.

10. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

11. EXISTING MAILBOXES SHALL BE TEMPORARILY RELOCATED FOR CONTINUED OPERATION AS NECESSARY DURING CONSTRUCTION. MAIL BOXES SHALL BE RELOCATED TO THEIR FINAL LOCATION AFTER CONSTRUCTION AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

12. THE FOLLOWING MIXTURE REQUREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	TRAIL & SERVICE DRIVE	TRAIL & SERVICE DRIVE
MIXTURE USES:	SURFACE	BINDER
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ NDESIGN = 30	4% @ NDESIGN = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL - 9.5L	IL - 19.0L
FRICTION AGGREGATE:	MIX "C"	N/A
MIXTURE WEIGHT:	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN
QUALITY MANAGEMENT:	QC/QA	QC/QA

RATES OF APPLICATION

AGGREGATE (SURFACE, BASE, BASE, OR BACKFILL)	2.05 TON/CU YD
SUBBASE GRANULAR MATERIAL, TYPE C	1.80 TON/CU YD
STONE DUMPED RIPRAP	1.50 TON/CU YD
HOT-MIX ASPHALT:	
BITUMINOUS MATERIALS (PRIME COAT)	0.05 LB/SQ FT (ON MILLED & NON-MILLED HMA & CONCRETE)
	0.025 LB/SQ FT (BETWEEN LIFTS & ON BRICK)
	0.25 LB/SQ FT (ON AGGREGATE)
HOT-MIX ASPHALT SURFACE / BINDER	0.056 TON/SQ YD*IN
HOT-MIX ASPHALT SURFACE MIX D OR E	0.056 TON/SQ YD*IN
SODDING AREAS:	
NITROGEN FERTILIZER NUTRIENT	0.0186 LBS/SQ YD
PHOSPHOROUS FERTILIZER NUTRIENT	0.0011 LBS/SQ YD
POTASSIUM FERTILIZER NUTRIENT	0.0074 LBS/SQ YD
AGRICULTURAL GROUND LIMESTONE	0.000046 TON/SQ YD
SUPPLEMENTAL WATERING	0.009 UNITS/SQ YD (3 APPL. @ 3GAL/ SQ YD)
LIME FOR LIME MODIFIED SOILS, 12"	0.02 TON/SQ YD
WATER FOR LIME MODIFIED SOILS, 12"	0.007 UNITS/SQ YD (1 UNIT = 1000 GAL)
WATER FOR PLANTINGS	1 UNIT = 1000 GAL

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KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors

USER NAME = bgj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/19/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

STANDARDS, GENERAL NOTES, & APPLICATION RATES

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

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	2

CONTRACT NO. 93630

ILLINOIS FED. AID PROJECT

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

					CONSTRUCTION TYPE CODE		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
	20100500	TREE REMOVAL, ACRES	ACRE	3.2	3.2		
	20101100	TREE TRUNK PROTECTION	EACH	1	1		
	20200100	EARTH EXCAVATION	CU YD	13530	13530		
	20800150	TRENCH BACKFILL	CU YD	280	280		
	20900110	POROUS GRANULAR BACKFILL	CU YD	40	40		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7773	7773		
①	25000115	SEEDING, CLASS 1B	ACRE	2.4	2.4		
①	25000300	SEEDING, CLASS 3	ACRE	1.2	1.2		
①	25000310	SEEDING, CLASS 4	ACRE	0.3	0.3		
①	25000320	SEEDING, CLASS 5	ACRE	0.3	0.3		
①	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	363	363		
①	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	363	363		
①	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	363	363		
①	25000700	AGRICULTURAL GROUND LIMESTONE	TON	9	9		

* SPECIAL PROVISION

① SPECIALTY ITEM

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QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET NO. 1 OF 9 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	3
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
①	25100115	MULCH, METHOD 2	ACRE	2.9	2.9		
①	25100127	MULCH, METHOD 3A	ACRE	1.2	1.2		
①	25100630	EROSION CONTROL BLANKET	SQ YD	4795	4795		
①	25100900	TURF REINFORCEMENT MAT	SQ YD	5394	5394		
	28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	67	67		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1000	1000		
	28000305	TEMPORARY DITCH CHECKS	FOOT	768	768		
	28000315	AGGREGATE DITCH CHECKS	TON	144	144		
	28000400	PERIMETER EROSION BARRIER	FOOT	3049	3049		
	28000500	INLET AND PIPE PROTECTION	EACH	13	13		
	28100107	STONE RIPRAP, CLASS A4	SQ YD	342			342
	28100807	STONE DUMPED RIPRAP, CLASS A4	TON	271	271		
	28100809	STONE DUMPED RIPRAP, CLASS A5	TON	147	147		
	28200200	FILTER FABRIC	SQ YD	747	524		223

* SPECIAL PROVISION

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PLOT DATE = 1/16/2015	DATE -	REVISED -	

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET NO. 2 OF 9 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	4

CONTRACT NO. 93630

ILLINOIS FED. AID PROJECT

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

					CONSTRUCTION TYPE CODE		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
	35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	480	480		
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	6324	6324		
	40200710	AGGREGATE SURFACE COURSE, TYPE A 10"	SQ YD	591	591		
*	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9354	9354		
	40603100	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L, N30	TON	183	183		
	40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	505	505		
	42001300	PROTECTIVE COAT	SQ YD	838	838		
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	2483	2483		
	42400800	DETECTABLE WARNINGS	SQ FT	80	80		
	44000100	PAVEMENT REMOVAL	SQ YD	568	568		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	83	83		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	29	29		
	50200100	STRUCTURE EXCAVATION	CU YD	47			47
	50300225	CONCRETE STRUCTURES	CU YD	46.3			46.3

* SPECIAL PROVISION

① SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
50300300	PROTECTIVE COAT	SQ YD	42			42
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	880		880	
50800105	REINFORCEMENT BARS	POUND	1631	51		1580
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	9020			9020
51201400	FURNISHING STEEL PILES HP10X42	FOOT	91			91
51500100	NAME PLATES	EACH	1			1
51603000	DRILLED SHAFT IN SOIL	CU YD	4.7			4.7
51604000	DRILLED SHAFT IN ROCK	CU YD	5.2			5.2
54213447	END SECTIONS 12"	EACH	1	1		
54213450	END SECTIONS 15"	EACH	1	1		
54213453	END SECTIONS 18"	EACH	4	4		
54213459	END SECTIONS 24"	EACH	5	5		
54213465	END SECTIONS 30"	EACH	1	1		
54213471	END SECTIONS 36"	EACH	6	6		

* SPECIAL PROVISION

① SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

				CONSTRUCTION TYPE CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
54213477	END SECTIONS 42"	EACH	2	2		
54248510	CONCRETE COLLAR	CU YD	0.7	0.7		
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	72	72		
542C0241	PIPE CULVERTS, CLASS C, TYPE 1 36"	FOOT	64	64		
542C1081	PIPE CULVERTS, CLASS C, TYPE 2 36"	FOOT	48	48		
542C1087	PIPE CULVERTS, CLASS C, TYPE 2 42"	FOOT	56	56		
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	12	12		
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	28	28		
550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	167	167		
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	76	76		
550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	38	38		
550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	223	223		
550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	FOOT	62	62		
550B0430	STORM SEWERS, CLASS B, TYPE 2 30"	FOOT	30	30		

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① SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

				CONSTRUCTION TYPE CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
58700300	CONCRETE SEALER	SQ FT	941			941
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	29			29
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	4		
60107600	PIPE UNDERDRAINS 4"	FOOT	155	155		
60211800	CATCH BASINS, TYPE D, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60224030	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 15 FRAME AND LID	EACH	1	1		
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	6	6		
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60262900	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1		
60403400	GRATES, TYPE A	EACH	2	2		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6.7	6.7		
60602500	CONCRETE GUTTER, TYPE A	FOOT	129	129		

* SPECIAL PROVISION

① SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	33	33		
*	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	83	83		
*	60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	165	165		
①	63200310	GUARDRAIL REMOVAL	FOOT	68	68		
①	64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1		
①	66400305	CHAIN LINK FENCE, 6'	FOOT	84	84		
①	66407800	CHAIN LINK GATES, 6' X 16' DOUBLE	EACH	2	2		
①	66408200	CHAIN LINK GATES, 6' X 24' DOUBLE	EACH	1	1		
	67100100	MOBILIZATION	L SUM	1	1		
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
	72000100	SIGN PANEL - TYPE 1	SQ FT	178	178		
	72900100	METAL POST - TYPE A	FOOT	481	481		
	73000100	WOOD SIGN SUPPORT	FOOT	28	28		
①	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122	122		

* SPECIAL PROVISION

① SPECIALTY ITEM

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PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET NO. 7 OF 9 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	9
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
①	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4114	4114		
①	78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	65	65		
①	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	189	189		
①	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	10	10		
*	Z0003618	REMOVAL OF EXISTING TIMBER FLOOR	EACH	1		1	
*	Z0003855	BICYCLE RACKS	EACH	4	4		
① *	Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1		1	
*	Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	564	564		
*	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	2	2		
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
*	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	78			78
① *	Z0055900	RUSTIC WOOD POST AND RAIL FENCE	FOOT	1189	1189		
*	Z0065000	SETTING PILES IN ROCK	EACH	6			6
*	X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	2904			2904

* SPECIAL PROVISION

① SPECIALTY ITEM

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KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors

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PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET NO. 8 OF 9 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	10
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
④ *	X0301115	LANDSCAPE EDGING	FOOT	95	95		
*	X0325999	TIMBER DECK REPLACEMENT	L SUM	1		1	
*	X0326406	INFORMATION KIOSK COMPLETE	EACH	1	1		
*	X4201400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	42			42
*	X4811900	AGGREGATE SHOULDERS (SPECIAL)	TON	240	240		
*	X5010523	REMOVE CONCRETE END SECTION	EACH	1	1		
*	X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	51			51
① *	X6640500	CHAIN LINK GATE ASSEMBLY (SPECIAL)	EACH	2	2		
① *	X6640550	CHAIN LINK FENCE, 4' (SPECIAL)	FOOT	245	245		
① *	X6640560	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	1156	1156		
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
*	X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	12	12		
*	X7200205	SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	18	18		
*	LR420029	PORTLAND CEMENT CONCRETE PAVEMENT 8" (SPECIAL)	SQ YD	420	420		

* SPECIAL PROVISION

① SPECIALTY ITEM

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QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET NO. 9 OF 9 SHEETS | STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	11
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS	SN 001-8000 NEW CONSTRUCTION 0011	SN 001-8001 NEW CONSTRUCTION 0008
①	A2001724	TREE, ACER SACCHARUM (SUGAR MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	7	7		
①	A2002366	TREE, BETULA NIGRA (RIVER BIRCH), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	1	1		
①	A2006432	TREE, QUERCUS ALBA (WHITE OAK), 4" CALIPER, BALLED AND BURLAPPED	EACH	5	5		
①	A2007666	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	2	2		
①	A2C025G5	TREE, CERCIS CANADENSIS (REDBUD), CONTAINER GROWN, 5-GALLON	EACH	4	4		
①	B2000900	TREE, AMELANCHIER ARBOREA (DOWNY SERVICEBERRY), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	9	9		
①	C2007010	SHRUB, ROSA RADRAZZ (KNOCKOUT ROSE), CONTAINER GROWN, 3-GALLON	EACH	7	7		
①	C2010436	SHRUB, SPIREA X VANHOUTTEI (VANHOUTTE SPIREA), 3' HEIGHT, BALLED AND BURLAPPED	EACH	10	10		
①	C2011536	SHRUB, VIBURNUM X BURKWOODII MOHAWK (MOHAWK VIBURNUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	9	9		
①	D2000624	EVERGREEN, JUNIPERUS CHINENSIS SEA GREEN (SEA GREEN JUNIPER), 2' WIDTH, BALLED AND BURLAPPED	EACH	4	4		
①	K1003680	MULCH	SQ YD	30	30		
Δ	Z0076600	TRAINEES	HOUR	1500			1500
Δ	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500			1500

① SPECIALTY ITEM
Δ=0042 TRAINEES

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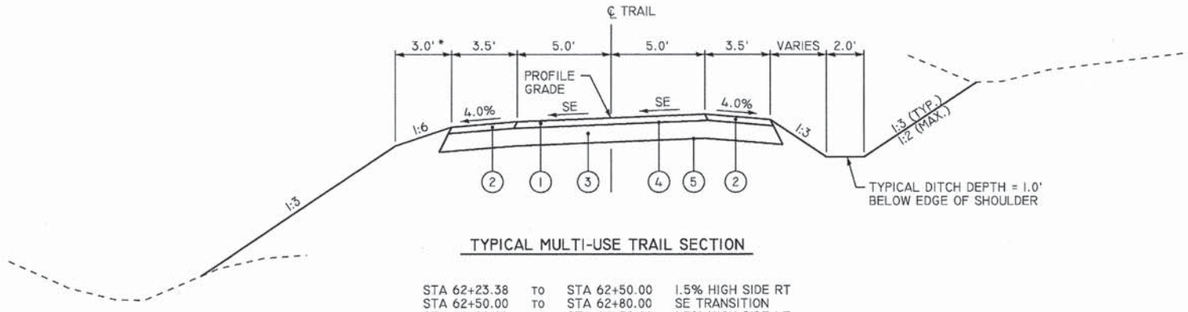
QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

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

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	12
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		



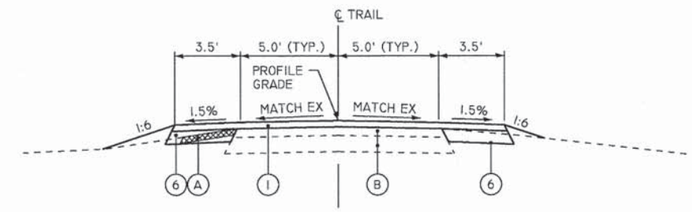
TYPICAL MULTI-USE TRAIL SECTION

STA 62+23.38	TO	STA 62+50.00	1.5% HIGH SIDE RT
STA 62+50.00	TO	STA 62+80.00	SE TRANSITION
STA 62+80.00	TO	STA 66+78.00	1.5% HIGH SIDE LT
STA 66+78.00	TO	STA 67+08.00	SE TRANSITION
STA 67+08.00	TO	STA 74+10.00	1.5% HIGH SIDE RT
STA 74+10.00	TO	STA 74+25.00	SE TRANSITION
STA 82+10.00	TO	STA 82+32.00	SE TRANSITION
STA 82+32.00	TO	STA 82+70.00	1.5% HIGH SIDE RT
STA 83+70.00	TO	STA 83+00.00	SE TRANSITION
STA 83+00.00	TO	STA 85+76.00	1.5% HIGH SIDE LT
STA 85+76.00	TO	STA 86+06.00	SE TRANSITION
STA 86+06.00	TO	STA 91+14.00	1.5% HIGH SIDE RT
STA 91+14.00	TO	STA 91+44.00	SE TRANSITION
STA 91+44.00	TO	STA 92+18.00	1.5% HIGH SIDE LT
STA 92+18.00	TO	STA 92+48.00	SE TRANSITION
STA 92+48.00	TO	STA 92+94.00	1.5% HIGH SIDE RT
STA 92+94.00	TO	STA 93+24.00	SE TRANSITION
STA 93+24.00	TO	STA 94+04.00	1.5% HIGH SIDE LT
STA 94+04.00	TO	STA 95+12.00	SE TRANSITION STA EQUN: 94+19.19 BK = 94+97.15 AH
STA 95+12.00	TO	STA 96+00.49	1.5% HIGH SIDE RT
STA 98+70.00	TO	STA 99+80.00	1.5% HIGH SIDE RT

* - 0' - FILL / DITCH DEPTH IS 0 TO 3'

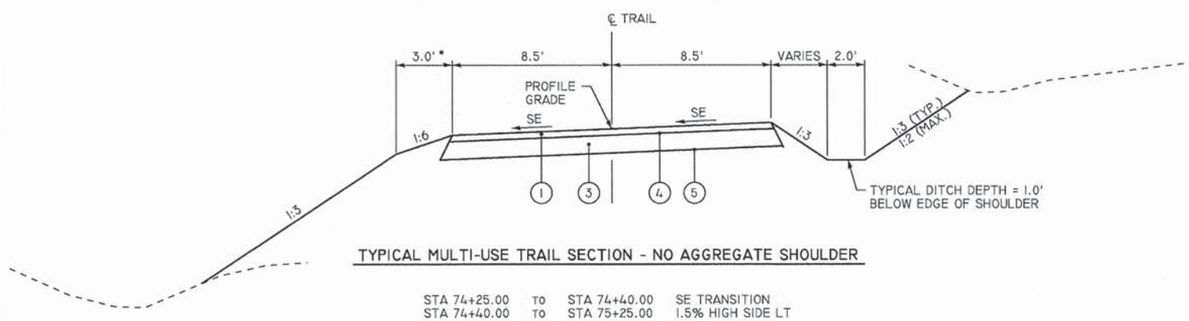
3' - FILL / DITCH DEPTH IS GREATER THAN 3'

5' - FILL / DITCH DEPTH IS GREATER THAN 3' & RUSTIC WOOD POST AND RAIL FENCE



TYPICAL MULTI-USE TRAIL SECTION - VEHICULAR TRAFFIC ALLOWED

STA 76+37.09 TO STA 80+00.00 STATION EQUATION: 79+03.84 BK = 80+00.00 AH



TYPICAL MULTI-USE TRAIL SECTION - NO AGGREGATE SHOULDER

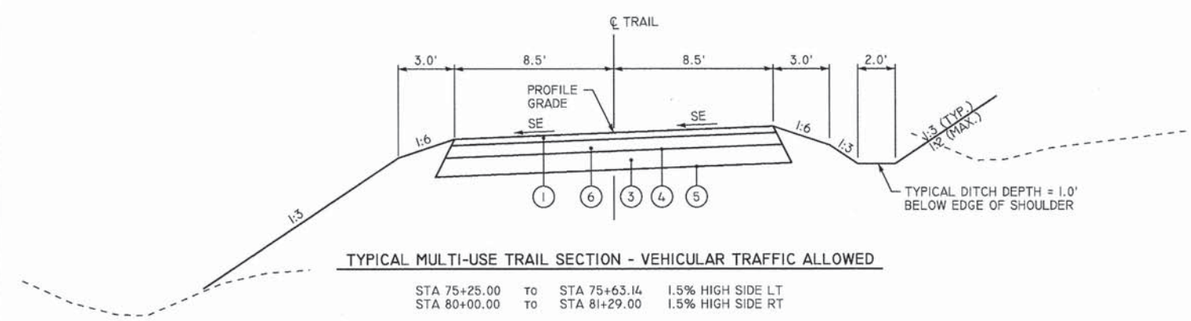
STA 74+25.00	TO	STA 74+40.00	SE TRANSITION
STA 74+40.00	TO	STA 75+25.00	1.5% HIGH SIDE LT
STA 81+29.00	TO	STA 81+59.00	SE TRANSITION
STA 81+59.00	TO	STA 82+02.00	1.5% HIGH SIDE LT
STA 82+02.00	TO	STA 82+10.00	SE STRANSITION

LEGEND

1. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30, 2"
2. AGGREGATE SHOULDERS (SPECIAL), 2"
3. AGGREGATE BASE COURSE, TYPE B 6"
4. BITUMINOUS MATERIALS (PRIME COAT)
5. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
6. HOT-MIX ASPHALT BINDER COURSE, IL-19.0L, N30, 4"
7. TYPE A GUTTER
8. AGGREGATE SURFACE COURSE, TYPE A, 10"

A. EXISTING ASPHALT SHOULDER, 6" - TO BE REMOVED

B. EXISTING ASPHALT PAVEMENT



TYPICAL MULTI-USE TRAIL SECTION - VEHICULAR TRAFFIC ALLOWED

STA 75+25.00	TO	STA 75+63.14	1.5% HIGH SIDE LT
STA 80+00.00	TO	STA 81+29.00	1.5% HIGH SIDE RT

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QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

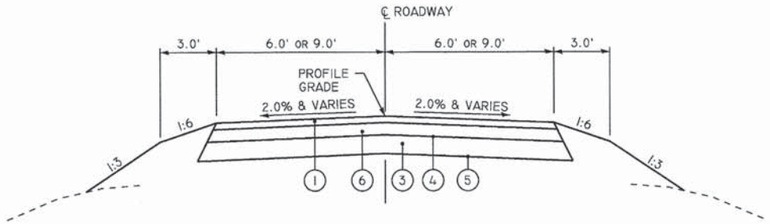
TYPICAL SECTIONS

SCALE: NONE | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	13

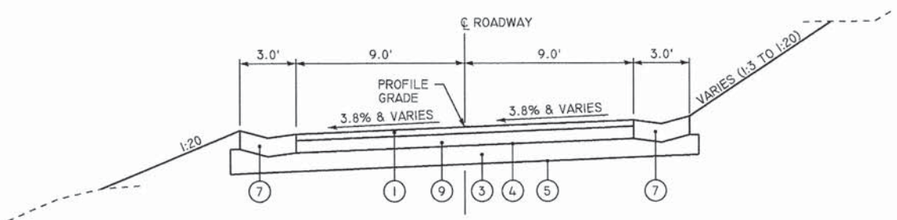
CONTRACT NO. 93630

ILLINOIS FED. AID PROJECT



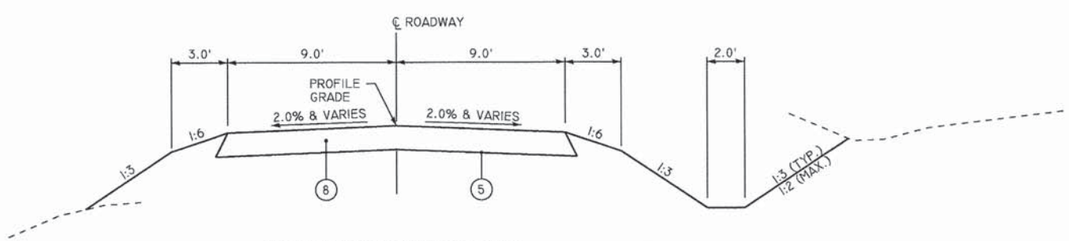
TYPICAL SERVICE DRIVE SECTION

STA 1+32.00	TO	STA 2+00.00	SUNSET CEMETERY ROAD
STA 4+00.00	TO	STA 4+25.00	COAL SERVICE DRIVE



TYPICAL SERVICE DRIVE SECTION

STA 3+20.00 TO STA 4+00.00 COAL SERVICE DRIVE



TYPICAL SERVICE DRIVE SECTION

STA 4+25.00	TO	STA 4+74.00	SE TRANS. COAL SERVICE DRIVE
STA 4+74.00	TO	STA 6+20.00	SE = 2.0%
STA 6+20.00	TO	STA 6+60.00	SE TRANS.
STA 6+60.00	TO	STA 7+25.00	SE = -2.0%

LEGEND

1. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30, 2"
2. AGGREGATE SHOULDERS (SPECIAL), 2"
3. AGGREGATE BASE COURSE, TYPE B 6"
4. BITUMINOUS MATERIALS (PRIME COAT)
5. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
6. HOT-MIX ASPHALT BINDER COURSE, IL-19.0L, N30, 4"
7. TYPE A GUTTER
8. AGGREGATE SURFACE COURSE, TYPE A, 10"

A. EXISTING ASPHALT SHOULDER, 6" - TO BE REMOVED
B. EXISTING ASPHALT PAVEMENT

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QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

TYPICAL SECTIONS

SCALE: NONE | SHEET NO. 2 OF 2 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	14
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE

LOCATION	STATION TO STATION			20200100 CUT	FILL	ADJUSTED CUT	EXCESS (BORROW)
				CU YD	CU YD	CU YD	CU YD
BILL KLINGNER TRAIL	62+23	TO	63+50	9	927	7	(920)
	63+50	TO	69+50	326	1659	245	(1414)
	69+50	TO	75+73	432	291	324	33
	76+37	TO	83+50	677	1540	508	(1032)
	83+50	TO	89+50	5687	682	4265	3583
	89+50	TO	95+50	5324	1128	3993	2865
	95+50	TO	96+16	770	0	578	578
	96+16	TO	99+85	1	410	1	(409)
SUNSET CEMETERY ROAD	1+32	TO	1+85	-	-		
COAL SERVICE DRIVE	3+25	TO	3+93	22	70	17	(53)
	4+10	TO	7+25	74	636	56	(580)
5TH STREET PARKING LOT				209	1271	157	(1114)
TOTALS:				13,531	8,614	10,151	1,537

SHRINKAGE FACTOR = 0.25 ADJUSTED CUT = CUT * (1 - (S.F.))

RIPRAP SCHEDULE

LOCATION		28100107 STONE RIPRAP, CLASS A4	28100807 STONE DUMPED RIPRAP, CLASS A4	28100809 STONE DUMPED RIPRAP, CLASS A5	28200200 FILTER FABRIC
		SQ YD	TON	TON	SQ YD
BILL KLINGNER TRAIL	62+23 TO 62+66 RT			74	82.4
	64+89 TO 65+11 RT		31		41.1
	67+69 TO 67+95 RT		90		120.6
	73+17 TO 73+35 RT		34		45.6
	84+90 TO 85+10 LT		32		42.2
	89+21 TO 89+31 LT		18		23.4
	92+74 TO 92+96 LT		49		64.8
	96+67 - PIER	59.5			
	97+62 - PIER	59.5			
	98+37 TO 98+75 LT	111.5			111.5
	98+37 TO 98+75 RT	111.5			111.5
COAL SERVICE ROAD	5+42 TO 5+58 LT		17		22.3
NORTH 5TH STREET	49+61 TO 49+89 LT			73	81.1
TOTALS:		342	271	147	747

TREE REMOVAL & PROTECTION SCHEDULE

LOCATION	STATION TO STATION			SIDE	20100500 TREE REMOVAL, ACRES	20101100 TREE TRUNK PROTECTION
					ACRE	EACH
BILL KLINGNER TRAIL	62+23	TO	63+50	LT		
				RT		
	63+50	TO	69+50	LT	0.06	1
				RT	0.15	
	69+50	TO	75+73	LT	0.03	
				RT	0.07	
	76+37	TO	83+50	LT	0.18	
				RT	0.21	
	83+50	TO	89+50	LT	0.69	
				RT	0.48	
	89+50	TO	95+50	LT	0.52	
				RT	0.44	
	95+50	TO	96+16	LT	0.06	
				RT	0.08	
	96+16	TO	99+85	LT		
				RT		
5TH STREET PARKING LOT					0.23	
TOTALS:					3.2	1

EROSION CONTROL SCHEDULE

LOCATION	STATION TO STATION			SIDE	25100630 EROSION CONTROL BLANKET	25100900 TURF REINFORCEMENT MAT	28000200 EARTH EXC. FOR EROSION CONTROL	28000305 TEMPORARY DITCH CHECKS	28000250 TEMPORARY EROSION CONTROL SEEDING	28000315 AGGREGATE DITCH CHECKS	28000400 PERIMETER EROSION BARRIER	28000500 INLET AND PIPE PROTECTION
					SQ YD	SQ YD	CU YD	FOOT	POUND	TON	FOOT	EACH
BILL KLINGNER TRAIL	62+17	TO	63+50	LT	92			24	6			1
				RT		292			18		93	
	63+50	TO	69+50	LT	207	314		128	48	64		2
				RT	413	171	22.2		50	16	634	
	69+50	TO	76+00	LT	45	77		96	37			1
				RT		134	14.2	48	37	32	342	
	76+00	TO	83+50	LT	835	436		40	34		352	1
				RT		686		80	14			2
	83+50	TO	89+50	LT	281	594			53	16	716	
				RT	82	1438		208	36			2
	89+50	TO	95+50	LT	1441	70		32	184		267	
				RT	467	1006		96	74			1
	95+50	TO	97+00	LT	93		22.2	8	96		56	1
				RT		176		8	73		25	1
	97+00	TO	99+80	LT	158				143		107	
				RT	179				32		127	
COAL SERVICE ROAD	4+00	TO	7+25	LT	340		8.0		20	16	330	
NORTH 5TH STREET	49+77	TO	52+20	LT	162				45			1
TOTALS:					4,795	5,394	67	768	1000	144	3,049	13

PAVEMENT / SHOULDER REMOVAL SCHEDULE

LOCATION				4400100 PAVEMENT REMOVAL	44004250 PAVED SHOULDER REMOVAL
				SQ YD	SQ FT
SUNSET CEMETERY ROAD (INCLUDING SN 001-800 APPROACH PAVEMENT)				111.9	
BILL KLINGNER TRAIL	77+79.4	80+00	LT		26.0
	78+90.0	80+00	RT		3.2
	80+00	80+90	LT & RT	316.0	
12TH STREET SPUR - CONSTRUCT REPAIR				140.0	
TOTALS:				568	29

MISCELLANEOUS REMOVAL SCHEDULE

LOCATION			44000500 COMB CURB AND GUTTER REMOVAL	632003100 GUARDRAIL REMOVAL	X5010523 REMOVE CONCRETE END SECTION
			FOOT	FOOT	EACH
NORTH 5TH STREET	49+62.8 TO 50+30.9	LT		68.4	
	49+71.3 TO 49+94.4	RT	22.8		
	49+77.5 TO 50+04.7	LT	27.2		
	51+74.3 TO 52+06.8	LT	32.6		
	50+38.0	33.3' LT			1
TOTALS:			83	68	1

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QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET NO. 1 OF 7 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	15
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

PAVEMENT SCHEDULE

LOCATION	STATION TO STATION	SIDE	21001000 GEOTECHNICAL FABRIC FOR GROUND STABIL.	35101300 AGGREGATE BASE COURSE, TYPE A 4"	35101800 AGGREGATE BASE COURSE, TYPE B 6"	40200710 AGGREGATE SURF COURSE, TYPE A 10"	40600275 BITUMINOUS MATERIALS (PRIME COAT)	40603100 HOT-MIX ASPHALT BINDER COURSE, IL-19.0L, N30	40603305 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	X4811900 AGGREGATE SHOULDERS (SPECIAL)	LR420029 PCC PAVEMENT 8" (SPECIAL)
			SQ YD	SQ YD	SQ YD	SQ YD	POUND	TON	TON	TON	SQ YD
BILL KLINGNER TRAIL	62+17 TO 63+50	LT	135.3		127.9		158.3		7.9	5.6	
		RT	135.3		127.9		158.3		7.9	5.6	
	63+50 TO 69+50	LT	611.1		577.8		750.0		37.3	26.6	
		RT	611.1		577.8		750.0		37.3	26.6	
	69+50 TO 74+25	LT	483.8		457.4		593.8		29.6	21.0	
		RT	483.8		457.4		593.8		29.6	21.0	
	74+25 TO 75+25	LT	101.9		96.3		212.5		10.6		
		RT	101.9		96.3		212.5		10.6		
	75+25 TO 75+63.1	LT	38.8		38.1		89.1	8.4	4.0		
		RT	38.8		38.1		89.1	8.4	4.0		
	76+25.1 TO 80+00	LT					114.6	22.9	28.5		
		RT					115.0	24.5	28.6		
	80+00 TO 81+29	LT	131.4		129.0		301.5	28.4	13.6		
		RT	131.4		129.0		301.5	28.4	13.6		
	81+29 TO 82+10	LT	82.5		78.0		172.1		8.6		
		RT	82.5		78.0		172.1		8.6		
	82+10 TO 83+50	LT	142.6		134.8		175.0		8.7	6.2	
		RT	142.6		134.8		175.0		8.7	6.2	
	83+50 TO 89+50	LT	611.1		577.8		750.0		37.3	28.2	
		RT	611.1		577.8		750.0		37.3	26.6	
	89+50 TO 95+50	LT	562.7		531.3		652.6		32.5	23.1	
		RT	531.7		502.7		652.6		32.5	23.1	
	95+50 TO 96+16	LT	51.4		48.6		63.1		3.1	2.2	
		RT	51.4		48.6		63.1		3.1	2.2	
	98+58 TO 99+80	LT	124.3		117.5		152.5		7.6	5.4	
		RT	124.3		117.5		152.5		7.6	5.4	
SUNSET CEMETERY ROAD	1+32 TO 1+88.3	LT	45.3		45.3		100.1	9.7	4.5		
		RT	44.7		44.7		102.6	9.6	4.6		
COAL SERVICE ROAD	3+20 TO 3+91.0	LT	140.1		140.1		206.8	18.7	9.4		
		RT	105.0		105.0		178.8	16.2	8.1		
	4+09.2 TO 4+25	LT	20.9		20.9		47.7	4.5	2.2		
		RT	14.0		14.0		32.8	3.1	1.5		
	4+25 TO 7+25	LT	328.0			299.4					
		RT	318.9			291.8					
NORTH 5TH STREET PARKING LOT			479.5	479.5							419.5
12TH STREET SPUR - CONSTRUCTION REPAIR			153.3		153.3		315.0		15.7	4.7	
TOTALS:			7,773	480	6,324	591	9,354	183	505	240	420

SIDEWALK SCHEDULE

LOCATION		42400300 PCC SIDEWALK 6"	42400800 DETECTABLE WARNINGS
		SQ FT	SQ FT
BILL KLINGNER TRAIL	62+17.2 TO 62+23.4 LT & RT	99.4	20.0
12TH STREET SPUR - CONSTRUCTION REPAIR		74.6	20.0
NORTH 5TH STREET	49+78.7 TO 50+44.1 LT	687.6	20.0
	50+44.1 TO 51+49.1 LT	1621.1	20.0
TOTALS:		2,483	80

PROTECTIVE COAT SCHEDULE (NON-STRUCTURAL)

PAY ITEM		42001300 PROTECTIVE COAT
		SQ YD
42400300	PCC SIDEWALK 6 INCH	275.9
60600095	CLASS SI CONCRETE (OUTLET)	34.9
60602500	CONCRETE GUTTER, TY A	43.0
60603800	COMBINATION C&G, TYPE B-6.12	7.6
60603900	COMBINATION C&G, TYPE B-6.12 (ABUT)	19.2
60604100	COMBINATION C&G, TYPE B-6.12 (MOD)	38.2
LR420029	PCC PAVEMENT 8" (SPECIAL)	419.3
TOTALS:		838

CURB AND GUTTER SCHEDULE

LOCATION		60600095 CLASS SI CONCRETE (OUTLET)	60602500 CONCRETE GUTTER, TYPE A	60603800 CONC CURB & GUTTER, TYPE B-6.12	60603900 CONC C&G TYPE B-6.12 ABUT EX PVMT	60604100 CONC C&G TYPE B-6.12 MODIFIED
		CU YD	FOOT	FOOT	FOOT	FOOT
BILL KLINGNER TRAIL	80+03.8 TO 80+55.4 RT	3.4	13.5			
COAL SERVICE DRIVE	3+20.0 TO 3+84.1 LT		81.2			
	3+20.0 TO 3+92.1 RT	3.3	34.0			
NORTH 5TH STREET	49+71.3 TO 49+94.1 RT				22.8	
	49+77.8 TO 50+04.7 LT				27.2	
	51+74.3 TO 52+06.8 LT				32.6	
PARKING LOT DRIVE	0+27.9 TO 0+36.6 LT			32.6		
	0+36.6 TO 1+53.7 LT					164.7
TOTALS:		6.7	129	33	83	165

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/19/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET NO. 2 OF 7 SHEETS | STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	16
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

FENCING SCHEDULE

LOCATION		66400305 CHAIN LINK FENCE, 6'	66407800 CHAIN LINK GATES, 6' X 16' DOUBLE	66408200 CHAIN LINK GATES, 6' X 24' DOUBLE	X6640500 CHAIN LINK GATE ASSEMBLY (SPECIAL)	X6640550 CHAIN LINK FENCE, 4' (SPECIAL)	X6640560 CHAIN LINK FENCE, 6' (SPECIAL)	Z0055900 RUSTIC WOOD POST AND RAIL FENCE
		FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT
BILL KLINGNER TRAIL	62+24.7 11.5' RT TO 64+00.0 11.5' RT							174.6
	65+75.4 169.6' LT TO 67+20.0 28.0' LT						227.2	
	67+20.0 28.0' LT TO 68+50.0' 25.0' LT						111.4	
	68+50.0' 25.0' LT TO 72+84.0 35.0' LT						434.0	
	72+84.0 35.0' LT TO 74+90.0 25.0' LT						191.2	
	74+90.0 25.0' LT TO 75+10.0 50.0' LT		1		1		19.3	
	75+10.0 50.0' LT TO 75+70.0 85.0' LT						89.0	
	75+56.1 19.7' RT TO 75+73.1 8.1' RT					20.0		
	75+73.2 8.1' LT TO 75+72.9 28.1' LT					20.0		
	76+25.1 7.7' LT TO 76+34.7 25.3' LT					20.0		
	76+25.1 8.1' RT TO 76+42.8 12.9' RT					20.0		
	80+42.9 80.2' RT TO 80+45.0 50.0' RT						30.2	
	80+45.0 50.0' RT TO 81+15.0 55.0' RT			1	1		53.2	
	81+15.0 11.5' LT TO 86+50.0 11.5' LT							555.1
	88+60.0 11.5' LT TO 90+85.0 11.5' LT							224.1
	90+85.0 11.5' LT TO 91+15.0 25.0' LT							30.2
	91+15.0 25.0' LT TO 91+35.0 25.0' LT							20.0
	92+25.0 11.5' LT TO 93+25.0 11.5' LT							94.2
	92+40.0 11.5' RT TO 93+25.0 11.5' RT							91.0
	95+85.0 22.0' LT TO 96+06.0 5.8' LT					25.5		
	95+98.2 11.5' RT TO 96+17.0 7.0' RT					10.7		
	96+06.0 5.8' LT TO 96+17.0 7.0' LT					20.0		
	98+58.0 7.0' LT TO 98+77.5 11.5' LT					20.0		
	98+58.0 7.0' RT TO 98+77.5 11.5' RT					20.0		
NORTH 5TH STREET	49+86.6 25.1' LT TO 49+89.7 36.6' LT					11.9		
	49+89.7 36.6' LT TO 50+44.1 53.5' LT					57.0		
COAL SERVICE DRIVE	7+25.0 84.0' LT TO 7+25.0 16.0' RT	84.0	1					
TOTALS:		84	2	1	2	245	1,156	1,189

MISCELLANEOUS ITEMS SCHEDULE

LOCATION		Z0003855 BICYCLE RACKS	X0326406 INFORMATION KIOSK COMPLETE
		EACH	EACH
NORTH 5TH STREET	50+46.8 38.3' TO 45.8' LT	4	
	50+50.5 50.0' LT		1
TOTALS:		4	1

RETAINING WALL SCHEDULE

LOCATION		60107600 PIPE UNDERDRAINS 4"	Z0013302 SEGMENTAL CONC BLOCK WALL
		FOOT	SQ FT
NORTH 5TH STREET	50+35.3 TO 51+50.6 LT	155	
	50+39.6 TO 51+54.5 LT		564
TOTALS:		155	564

SEEDING SCHEDULE

LOCATION	STATION TO STATION	SIDE	25000115 SEEDING, CLASS 1B	25000300 SEEDING, CLASS 3	25000310 SEEDING, CLASS 4	25000320 SEEDING, CLASS 5	25000400 NITROGEN FERTILIZER NUTRIENT	25000500 PHOSPHORUS FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILIZER NUTRIENT	25000700 AGRICULTURAL GROUND NUTRIENT	25100115 MULCH, METHOD 2	25100127 MULCH, METHOD 3A
			ACRE	ACRE	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	ACRE
N 5TH ST	49+62.8 TO 52+12.4	LT	0.18				16.5	16.5	16.5	0.4	0.18	
BILL KLINGER TRAIL	62+14.2 TO 63+50.0	LT	0.02				1.9	1.9	1.9	0.0	0.02	
	62+20.2 TO 63+50.0	RT	0.07				6.5	6.5	6.5	0.1	0.07	
	63+50.0 TO 69+50.0	LT	0.20				17.6	17.6	17.6	0.4	0.20	
	63+50.0 TO 69+50.0	RT	0.20				18.1	18.1	18.1	0.4	0.20	
	69+50.0 TO 75+50.0	LT	0.15				13.4	13.4	13.4	0.3	0.15	
	69+50.0 TO 75+50.0	RT	0.15				13.4	13.4	13.4	0.3	0.15	
	75+50.0 TO 80+91.7	LT	0.05				4.6	4.6	4.6	0.1	0.05	
	75+50.0 TO 80+91.7	RT	0.06				5.3	5.3	5.3	0.1	0.06	
	80+91.7 TO 83+50.0	LT	0.02	0.20			19.2	19.2	19.2	0.4	0.01	0.20
	80+91.7 TO 83+50.0	RT	0.04	0.10			13.1	13.1	13.1	0.3	0.05	0.10
	83+50.0 TO 89+50.0	LT	0.04	0.17	0.26	0.26	66.4	66.4	66.4	1.5	0.57	0.17
	83+50.0 TO 89+50.0	RT	0.08	0.22			26.9	26.9	26.9	0.6	0.08	0.22
	89+50.0 TO 95+50.0	LT	0.12	0.22	0.03	0.03	34.9	34.9	34.9	0.8	0.17	0.22
	89+50.0 TO 95+50.0	RT	0.09	0.20			26.5	26.5	26.5	0.6	0.09	0.20
	95+50.0 TO N 12TH ST	LT	0.56	0.01			51.5	51.5	51.5	1.1	0.56	0.01
	95+50.0 TO 99+80.0	RT	0.11	0.02			11.6	11.6	11.6	0.3	0.11	0.02
COAL SERVICE DRIVE	4+25.0 TO 6+92.8	LT	0.08				7.5	7.5	7.5	0.2	0.08	
	4+25.0 TO 6+92.8	RT	0.08				7.2	7.2	7.2	0.2	0.08	
	6+92.8 TO 7+25.0	LT	0.00				0.0	0.0	0.0	0.0	0.00	
	5+92.8 TO 7+25.0	RT	0.00				0.4	0.4	0.4	0.0	0.00	
TOTALS:			2.4	1.2	0.3	0.3	363	363	363	9	2.9	1.2

DRAINAGE PIPE SCHEDULE

PLAN LABEL	TRAIL	STATION	20800150 TRENCH BACKFILL	542C0229 PIPE CULVERTS, CLASS C, TYPE 1 24"	542C0241 PIPE CULVERTS, CLASS C, TYPE 1 36"	542C1081 PIPE CULVERTS, CLASS C, TYPE 2 36"	542C1087 PIPE CULVERTS, CLASS C, TYPE 2 42"	550B0050 STORM SEWER CLASS B TY 1, 12"	550B0070 STORM SEWER CLASS B TY 1, 15"	550B0090 STORM SEWER CLASS B TY 1, 18"	550B0340 STORM SEWER CLASS B TY 2, 12"	550B0360 STORM SEWER CLASS B TY 2, 15"	550B0380 STORM SEWER CLASS B TY 2, 18"	550B0410 STORM SEWER CLASS B TY 2, 24"	550B0430 STORM SEWER CLASS B TY 2, 30"
			CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
A	BILL KLINGNER TRAIL	62+42.3													
B	BILL KLINGNER TRAIL	62+46.1	2.5									22			
C	BILL KLINGNER TRAIL	62+50.0													
D	BILL KLINGNER TRAIL	65+50.0	5.9			48									
E	BILL KLINGNER TRAIL	67+80.0	5.2		64										
F	BILL KLINGNER TRAIL	73+25.0	6.6	32											
G	BILL KLINGNER TRAIL	80+05.0	8.2						28						
H	COAL SERVICE DRIVE	3+91.0	4.0									10			
I	BILL KLINGNER TRAIL	81+10.0	11.3							46					
J	COAL SERVICE DRIVE	3+51.6													
K	COAL SERVICE DRIVE	5+50.0		40											
L	BILL KLINGNER TRAIL	82+75.0	21.7							30					
M	BILL KLINGNER TRAIL	82+75.0											39		
N	BILL KLINGNER TRAIL	85+00.0	9.3							40					
O	BILL KLINGNER TRAIL	89+26.0	5.4										20		30
P	BILL KLINGNER TRAIL	92+85.0	49.4				56								
Q	BILL KLINGNER TRAIL	95+90.0	19.2							24					
R	BILL KLINGNER TRAIL	96+03.4								27					
S	N 5TH ST	49+78.0													
T	N 5TH ST	50+06.6												62	
U	N 5TH ST	50+35.4													
V	N 5TH ST	50+36.7	4.3									6			
W	N 5TH ST	50+57.7	43.6										40		
X	N 5TH ST	50+80.6													
Y	N 5TH ST	51+43.5	31.4										124		
Z	N 5TH ST	52+07.0													
AA	N 5TH ST	51+08.9	51.5								76				
BB	N 5TH ST	51+37.8													
CC	N 5TH ST	51+41.1						12							
TOTALS:			280	72	64	48	56	12	28	167	76	38	223	62	30

PLANTING SCHEDULE

LOCATION			A2001724 TREE - SUGAR MAPLE	A2002366 TREE - RIVER BIRCH	A2006432 TREE - WHITE OAK	A2007666 TREE- BALD CYPRESS	A2C025G5 TREE - REDBUD	B2000900 TREE - DOWNY SERVICEBERRY	C2007010 SHRUB - KNOCKOUT ROSE	C2010436 SHRUB - VANHOUTTE SPIREA	C2011536 SHRUB - MOHAWK VIBURNUM	D2000624 EVERGREEN - SEA GREEN JUNIPER
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
NORTH 5TH STREET	50+30	40' LT						1				
	51+25 TO 51+50	35' TO 45' LT					3					
	51+50 TO 51+60	72' TO 65' LT							4			
BILL KLINGNER TRAIL	64+25 TO 64+50	25' RT				2						
	64+50 TO 64+75	25' TO 30' LT						2				
	80+40	30' RT		1								
	81+50 TO 82+00	20' LT	3									
	84+25 TO 84+75	25' LT			3							
	85+25	20' LT	1									
	86+00 TO 87+60	35' TO 40' RT								9		
	86+10 TO 87+70	37' TO 42' RT										
	86+10 TO 86+60	15' TO 20' LT	3								9	
	87+25 TO 87+75	20' LT						3				
	89+75 TO 90+25	20' LT			2							
	91+40	20' LT					1					
	95+84	19' LT								1		
	99+50 TO 99+83	18' TO 28' LT						3				
	99+82 TO 99+90	11' TO 18' LT										4
	99+85 TO 99+90	11' TO 15' LT							3			
TOTALS:			7	1	5	2	4	9	7	10	9	4

LANDSCAPING SCHEDULE

LOCATION			X0301115 LANDSCAPE EDGING	K1003680 MULCH
			FOOT	SQ YD
NORTH 5TH STREET	51+47 TO 51+99	75' TO 30' LT	76	21.1
BILL KLINGNER TRAIL	99+79 TO 99+93	8.5' TO 20' LT	19	9.0
TOTALS:			95	30

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QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET NO. 4 OF 7 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	18
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

PLAN LABEL	TRAIL	STATION	60403400 GRATES TYPE A	54248510 CONCRETE COLLAR	50800105 REINFORCEMENT BARS	60211800 CATCH BASIN, TY D 4' DIAM. TY I FR, CLSD LID	60240301 INLET, TY B TYPE 8 GRATE	60218400 MANHOLE TY A 4' DIAM. TY I FR, CLSD LID	60221100 MANHOLE TY A 5' DIAM. TY I FR, CLSD LID	60224030 MANHOLE TY A 6' DIAM. TY 15 FR & LID	60258200 MANHOLE TO BE RECONSTRUCTED TY I FR, CLSD LID	60262900 INLET TO BE RECONSTRUCTED TYI FR, OPEN LID	54213447 END SECTIONS 12"	54213447 END SECTIONS 15"	54213447 END SECTIONS 18"	54213447 END SECTIONS 24"	54213447 END SECTIONS 30"	54213447 END SECTIONS 36"	54213447 END SECTIONS 42"
			EACH	CU YD	POUND	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
A	BILL KLINGNER TRAIL	62+42.3									1								
B	BILL KLINGNER TRAIL	62+46.1																	
C	BILL KLINGNER TRAIL	62+50.0											1						
D	BILL KLINGNER TRAIL	65+50.0																2	
E	BILL KLINGNER TRAIL	67+80.0																4	
F	BILL KLINGNER TRAIL	73+25.0														2			
G	BILL KLINGNER TRAIL	80+05.0	1											1					
H	COAL SERVICE DRIVE	3+91.0	1																
I	BILL KLINGNER TRAIL	81+10.0					1								1				
J	COAL SERVICE DRIVE	3+51.6										1							
K	COAL SERVICE DRIVE	5+50.0														2			
L	BILL KLINGNER TRAIL	82+75.0					1												
M	BILL KLINGNER TRAIL	82+75.0						1							1				
N	BILL KLINGNER TRAIL	85+00.0					1								1				
O	BILL KLINGNER TRAIL	89+26.0				1									1		1		
P	BILL KLINGNER TRAIL	92+85.0																	2
Q	BILL KLINGNER TRAIL	95+90.0					2												
R	BILL KLINGNER TRAIL	96+03.4																	
S	N 5TH ST	49+78.0														1			
T	N 5TH ST	50+06.6																	
U	N 5TH ST	50+35.4							1										
V	N 5TH ST	50+36.7		0.32	26.6														
W	N 5TH ST	50+57.7																	
X	N 5TH ST	50+80.6								1									
Y	N 5TH ST	51+43.5																	
Z	N 5TH ST	52+07.0					1												
AA	N 5TH ST	51+08.9																	
BB	N 5TH ST	51+37.8						1											
CC	N 5TH ST	51+41.1		0.29	24.4														
TOTALS:			2	0.7	51	1	6	2	1	1	1	1	1	1	4	5	1	6	2

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QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET NO. 5 OF 7 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	19
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING SCHEDULE

LOCATION	STATION TO STATION	SIDE	DESCRIPTION	78001110	78001140	78001150		78001180	78001100	
				PAINT PAVEMENT MARKING - LINE					LETTERS & SYMBOLS	
				4"	8"	12"		24"		
				YELLOW	YELLOW	WHITE	YELLOW	WHITE	WHITE	YELLOW
				FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT
BILL KLINGNER TRAIL	62+23.38 TO 74+25.00	CL	SOLID	1201.6						
	62+23.38 TO 62+25.38	LT	STOP BAR					10		
	74+25.00 TO 75+25.00	LT	CHANNELIZATION	100.0						
	74+25.00 TO 75+25.00	LT & RT	DIAGONALS							
	74+25.00 TO 75+63.17	RT	CHANNELIZATION	138.2						
	75+25.00 TO 75+52.32	LT	SKIP-DASH	8.0						
	75+25.00 TO 75+25.00	LT & RT	CHANNELIZATION	10.0						
	75+39.69 TO 75+45.69	LT	THROUGH ARROW						6.5	
	75+39.69 TO 75+47.69	RT	BIKE SYMBOL						4.7	
	75+51.69 TO 75+59.69	LT	BIKE SYMBOL						4.7	
	75+52.32 TO 75+63.17	LT	CHANNELIZATION	10.9						
	75+53.69 TO 75+59.69	RT	THROUGH ARROW						6.5	
	76+37.11 TO 80+56.65	RT	EDGE LINE	419.5						
	76+37.11 TO 80+70.15	LT	EDGE LINE	433.0						
	80+31.07 TO 80+39.07	RT	BIKE SYMBOL						4.7	
	80+45.07 TO 80+51.07	RT	THROUGH ARROW						6.5	
	80+51.07 TO 80+57.07	LT	THROUGH ARROW						6.5	
	80+56.65 TO 80+99.37	RT	SKIP-DASH	12.0						
	80+63.07 TO 80+71.07	LT	BIKE SYMBOL						4.7	
	80+70.15 TO 81+03.63	LT	SKIP-DASH	10.0						
	80+99.37 TO 82+10.00	RT	CHANNELIZATION	110.6						
	81+03.63 TO 82+10.00	LT	CHANNELIZATION	106.4						
	81+10.00 TO 81+10.00	LT & RT	CHANNELIZATION	10.0						
	81+10.00 TO 82+10.00	LT & RT	DIAGONALS							
	82+10.00 TO 94+19.19	CL	SOLID	1209.2						
	86+44.33 TO 86+50.33	LT	THROUGH ARROW						6.5	
	86+44.33 TO 86+52.33	RT	BIKE SYMBOL						4.7	
	86+56.33 TO 86+64.33	LT	BIKE SYMBOL						4.7	
	86+58.33 TO 86+64.33	RT	THROUGH ARROW						6.5	
	94+97.15 TO 96+00.49	CL	SOLID	103.3						
	98+70.00 TO 99+80.00	CL	SOLID	110.0						
NORTH 5TH STREET	48+30.46 TO 48+38.46	RT	BIKE SYMBOL						4.7	
	48+70.46 TO 48+78.46	RT	XING						20.3	
	49+78.46 TO 49+96.04	LT & RT	CROSSWALK							
	50+96.04 TO 51+04.04	LT	XING						20.3	
	51+36.04 TO 51+44.04	LT	BIKE SYMBOL						4.7	
PARKING LOT DRIVE	0+38.41 TO 0+46.00	LT	DIAGONALS		64.8					
	0+38.41 TO 0+46.00	LT	EDGE LINE	10.4						
	0+46.00 0+83.72	LT	PARKING STALL LINES	110.0						
	0+46.00 0+55.24	LT	HANDICAPPED SYMBOL							4.6
SUB TOTAL:				4,114	65	100	89	10	117	5
TOTALS:				4,114	65	189		10	122	

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/19/2015	DATE -	REVISED -	

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	20
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

SIGNAGE SCHEDULE

TRAIL / STREET	PLAN LABEL	LOCATION	SIDE	FACING	MUTCD	SIZE IN	SIZE IN	MESSAGE	72000100 SIGN PANEL - TYPE I	X7200105 SIGN PANEL - TYPE I (SPECIAL)	X7200205 SIGN PANEL - TYPE 2 (SPECIAL)	72900100 METAL POST - TYPE A	73000100 WOOD SIGN SUPPORT
									SQ FT	SQ FT	SQ FT	FOOT	FOOT
N 5TH ST	1	47+10 20.0'	RT	SOUTH	W11-15	36	36	BICYCLE / PEDESTRIAN WARNING SIGN	9.0			30.5	
				SOUTH	W11-15P	24	18	TRAIL CROSSING	3.0				
	2	48+10 20.0'	RT	SOUTH	D11-1	24	18	BICYCLE ROUTE	3.0			13.0	
				SOUTH	M6-1	12	9	ARROW RIGHT	0.8				
	3	49+68 20.0'	RT	SOUTH	W11-15	36	36	BICYCLE / PEDESTRIAN WARNING SIGN	9.0			29.5	
				SOUTH	W16-7P	24	12	DIAGONAL ARROW	2.0				
	4	50+05 20.0'	LT	NORTH	W11-15	36	36	BICYCLE / PEDESTRIAN WARNING SIGN	9.0			29.5	
				NORTH	W16-7P	24	12	DIAGONAL ARROW	2.0				
	5	51+05 20.0'	LT	NORTH	D11-1	24	18	BICYCLE ROUTE	3.0			13.0	
				NORTH	M6-1	12	9	ARROW LEFT	0.8				
	6	52+05 20.0'	LT	NORTH	W11-15	36	36	BICYCLE / PEDESTRIAN WARNING SIGN	9.0			30.5	
				NORTH	W11-15P	24	18	TRAIL CROSSING	3.0				
	7	50+75 63.3'	LT	EAST	R7-8	12	18	HANDICAPPED PARKING	1.5			10.1	
				EAST	R7-1	12	16	$250 FINE	1.3				
	8	50+40 36.0'	LT	EAST		70	36	RECREATION SIGN 1			17.5		27.5
				EAST		70	12	RECREATION SIGN 2		5.8			
	9	49+81 21.0'	LT	WEST	R1-1	24	24	STOP	4.0			11.0	
				EAST	R5-3	24	24	NO MOTOR VEHICLES	4.0				
BILL KLINGNER TRAIL	10	62+20 10.5'	RT	EAST	R1-1	24	24	STOP	4.0			12.8	
				EAST	W4-4P	30	18	CROSS TRAFFIC DOES NOT STOP	3.8				
	11	62+26 10.5'	LT	WEST	R5-3	24	24	NO MOTOR VEHICLES	4.0			11.0	
	12	62+70 10.5'	RT	EAST	W3-1	18	18	STOP AHEAD	2.3			10.5	
	13	67+50 10.5'	LT	EAST/WEST		24	6	NORTH 6TH STREET		1.0		9.0	
	14	73+00 10.5'	LT	EAST/WEST		24	6	NORTH 7TH STREET		1.0		9.0	
	15	74+15 10.5'	RT	WEST	W2-2	24	24	INTERSECTION WARNING	4.0			11.0	
	16	74+25 10.5'	LT	EAST	R5-3	24	24	NO MOTOR VEHICLES	4.0			11.0	
	17	74+25 10.5'	RT	WEST	R4-16	12	18	KEEP RT EXCEPT TO PASS	1.5			12.8	
				EAST	R5-3	24	24	NO MOTOR VEHICLES	4.0				
	19	75+62 10.5'	RT	WEST	W16-1P	18	24	SHARE THE ROAD	3.0			11.0	
	20	77+15 10.5'	LT	EAST/WEST		24	6	NORTH 8TH STREET		1.0		9.0	
	21	80+65 10.5'	LT	EAST	W16-1P	18	24	SHARE THE ROAD	3.0			11.0	
	25	81+10 10.5'	LT	EAST	R4-16	12	18	KEEP RT EXCEPT TO PASS	1.5			12.8	
				WEST	R5-3	24	24	NO MOTOR VEHICLES	4.0				
	26	81+10 10.5'	RT	WEST	R5-3	24	24	NO MOTOR VEHICLES	4.0			11.0	
	27	82+10 10.5'	LT	EAST	W2-1	24	24	INTERSECTION WARNING	4.0			11.0	
	28	85+05 10.5'	LT	EAST/WEST		24	6	NORTH 9TH STREET		1.0		9.0	
	29	87+00 10.5'	LT	EAST	W7-5	18	18	HILL	2.3			10.5	
	30	90+20 10.5'	RT	EAST/WEST		24	6	NORTH 10TH STREET		1.0		9.0	
	31	94+00 10.5'	RT	WEST	W7-5	18	18	HILL	2.3			10.5	
	32	96+00 10.5'	RT	EAST/WEST		24	6	NORTH 11TH STREET		1.0		9.0	
SUNSET CEMETERY ROAD	18	1+62 10.0'	RT	NORTH	R1-1	36	36	STOP	9.0			33.5	
				NORTH	R3-1	36	36	NO RIGHT TURN	9.0				
COAL SERVICE ROAD	22	3+39 12.0'	RT	SOUTH	R1-1	36	36	STOP	9.0			33.5	
				SOUTH	R3-1	36	36	NO RIGHT TURN	9.0				
	23	4+18 12.0'	LT	NORTH	R1-1	36	36	STOP	9.0			33.5	
				NORTH	R3-2	36	36	NO LEFT TURN	9.0				
				SOUTH	R5-10B	30	18	NO PEDESTRIANS OR BICYCLES	3.8				
	24	4+25 12.0'	RT	SOUTH	R5-10B	30	18	NO PEDESTRIANS OR BICYCLES	3.8			12.0	
TOTALS:									178	12	18	481	28

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KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors

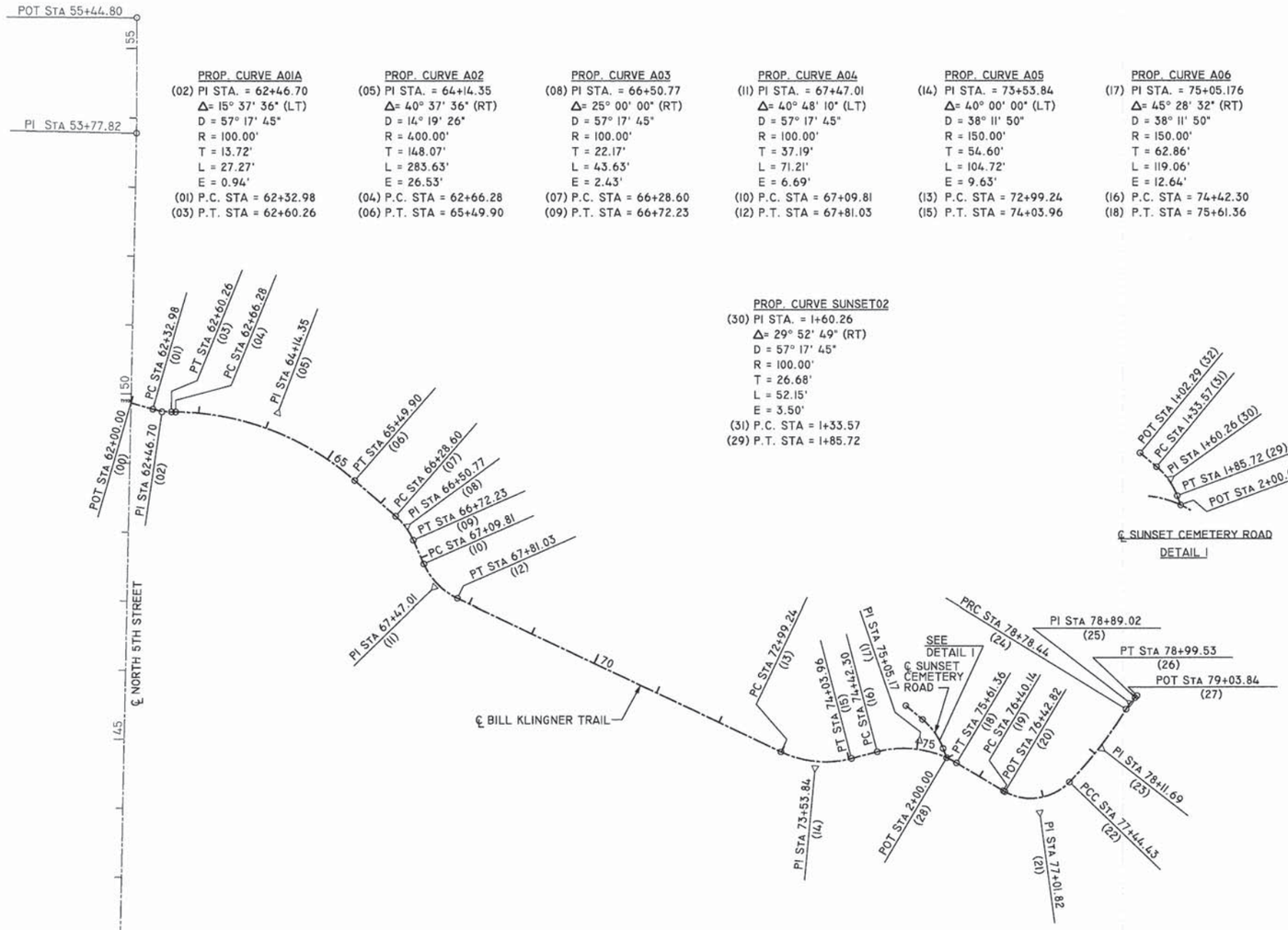
USER NAME = seb	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/19/2015	DATE -	REVISED -	

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET NO. 7 OF 7 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	21
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		



PROP. CURVE A01A
(02) PI STA. = 62+46.70
Δ= 15° 37' 36" (LT)
D = 57° 17' 45"
R = 100.00'
T = 13.72'
L = 27.27'
E = 0.94'
(01) P.C. STA = 62+32.98
(03) P.T. STA = 62+60.26

PROP. CURVE A02
(05) PI STA. = 64+14.35
Δ= 40° 37' 36" (RT)
D = 14° 19' 26"
R = 400.00'
T = 148.07'
L = 283.63'
E = 26.53'
(04) P.C. STA = 62+66.28
(06) P.T. STA = 65+49.90

PROP. CURVE A03
(08) PI STA. = 66+50.77
Δ= 25° 00' 00" (RT)
D = 57° 17' 45"
R = 100.00'
T = 22.17'
L = 43.63'
E = 2.43'
(07) P.C. STA = 66+28.60
(09) P.T. STA = 66+72.23

PROP. CURVE A04
(11) PI STA. = 67+47.01
Δ= 40° 48' 10" (LT)
D = 57° 17' 45"
R = 100.00'
T = 37.19'
L = 71.21'
E = 6.69'
(10) P.C. STA = 67+09.81
(12) P.T. STA = 67+81.03

PROP. CURVE A05
(14) PI STA. = 73+53.84
Δ= 40° 00' 00" (LT)
D = 38° 11' 50"
R = 150.00'
T = 54.60'
L = 104.72'
E = 9.63'
(13) P.C. STA = 72+99.24
(15) P.T. STA = 74+03.96

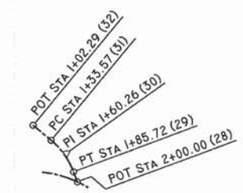
PROP. CURVE A06
(17) PI STA. = 75+05.176
Δ= 45° 28' 32" (RT)
D = 38° 11' 50"
R = 150.00'
T = 62.86'
L = 119.06'
E = 12.64'
(16) P.C. STA = 74+42.30
(18) P.T. STA = 75+61.36

EXIST. CURVE A07
(21) PI STA. = 77+01.82
Δ= 76° 50' 15" (LT)
D = 73° 40' 39"
R = 77.77'
T = 61.68'
L = 104.29'
E = 21.49'
(19) P.C. STA = 76+40.14
(22) P.T. STA = 77+44.43

EXIST. CURVE A08
(23) PI STA. = 78+11.69
Δ= 12° 18' 58" (LT)
D = 9° 11' 27"
R = 623.41'
T = 67.26'
L = 134.01'
E = 3.62'
(22) P.C. STA = 77+44.43
(24) P.T. STA = 78+78.44

EXIST. CURVE A09
(25) PI STA. = 78+89.02
Δ= 12° 05' 18" (RT)
D = 57° 17' 45"
R = 100.00'
T = 10.59'
L = 21.10'
E = 0.56'
(24) P.C. STA = 78+78.44
(26) P.T. STA = 78+99.53

PROP. CURVE SUNSET02
(30) PI STA. = 1+60.26
Δ= 29° 52' 49" (RT)
D = 57° 17' 45"
R = 100.00'
T = 26.68'
L = 52.15'
E = 3.50'
(31) P.C. STA = 1+33.57
(29) P.T. STA = 1+85.72



℄ SUNSET CEMETERY ROAD
DETAIL 1

CONTROL POINTS		
POINT #	NORTHING	EASTING
00	1,201,074.3224	1,948,578.4185
01	1,201,065.1066	1,948,610.0870
02	1,201,061.2724	1,948,623.2624
03	1,201,061.1289	1,948,636.9835
04	1,201,061.0660	1,948,643.0042
05	1,201,059.5180	1,948,791.0660
06	1,200,961.9362	1,948,902.4325
07	1,200,910.0759	1,948,961.6187
08	1,200,895.4657	1,948,978.2928
09	1,200,875.1775	1,948,987.2301
10	1,200,840.7816	1,949,002.3822
11	1,200,806.7453	1,949,017.3759
12	1,200,790.7788	1,949,050.9668
13	1,200,568.3136	1,949,518.9977
14	1,200,544.8761	1,949,568.3065
15	1,200,558.6169	1,949,621.1446
16	1,200,568.2675	1,949,658.2539
17	1,200,584.0891	1,949,719.0931
18	1,200,551.8080	1,949,773.0343
19	1,200,511.3517	1,949,840.6359
20	1,200,509.977	1,949,842.934
21	1,200,479.6791	1,949,893.5604
22	1,200,524.0009	1,949,936.4525
23	1,200,572.3355	1,949,983.2279
24	1,200,629.5351	1,950,018.6168
25	1,200,638.5394	1,950,024.1876
26	1,200,646.1774	1,950,031.5206
27	1,200,649.282	1,950,034.501
28	1,200,559.427	1,949,758.567
29	1,200,572.8122	1,949,753.6021
30	1,200,597.8298	1,949,744.3227
31	1,200,614.8989	1,949,723.8134
32	1,200,634.912	1,949,699.766

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/19/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

ALIGNMENT AND BENCHMARK DATA

SCALE: 1"=100' | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	22
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

PROP. CURVE NB1
(03) PI STA. = 81+07.73
Δ= 11° 27' 33" (LT)
D = 25° 27' 53"
R = 225.00'
T = 22.58'
L = 45.00'
E = 1.13'
(02) P.C. STA = 80+85.15
(04) P.T. STA = 81+30.15

PROP. CURVE NB2
(06) PI STA. = 81+88.05
Δ= 14° 56' 25" (RT)
D = 25° 27' 53"
R = 225.00'
T = 29.50'
L = 58.67'
E = 1.93'
(05) P.C. STA = 81+58.55
(07) P.T. STA = 82+17.22

PROP. CURVE NB3
(08) PI STA. = 82+43.73
Δ= 13° 26' 26" (LT)
D = 25° 27' 53"
R = 225.00'
T = 26.51'
L = 52.78'
E = 1.56'
(07) P.C. STA = 82+17.22
(09) P.T. STA = 82+70.00

PROP. CURVE NB4
(11) PI STA. = 85+30.89
Δ= 115° 05' 10" (RT)
D = 57° 17' 45"
R = 100.00'
T = 157.23'
L = 200.86'
E = 86.34'
(10) P.C. STA = 83+73.66
(12) P.T. STA = 85+74.52

PROP. CURVE NB5
(14) PI STA. = 87+12.55
Δ= 57° 44' 31" (LT)
D = 30° 09' 20"
R = 190.00'
T = 104.76'
L = 191.48'
E = 26.97'
(13) P.C. STA = 86+07.79
(15) P.T. STA = 87+99.27

PROP. CURVE NB6
(17) PI STA. = 90+90.60
Δ= 15° 00' 00" (LT)
D = 57° 17' 45"
R = 100.00'
T = 13.17'
L = 26.18'
E = 0.86'
(16) P.C. STA = 90+77.44
(18) P.T. STA = 91+03.62

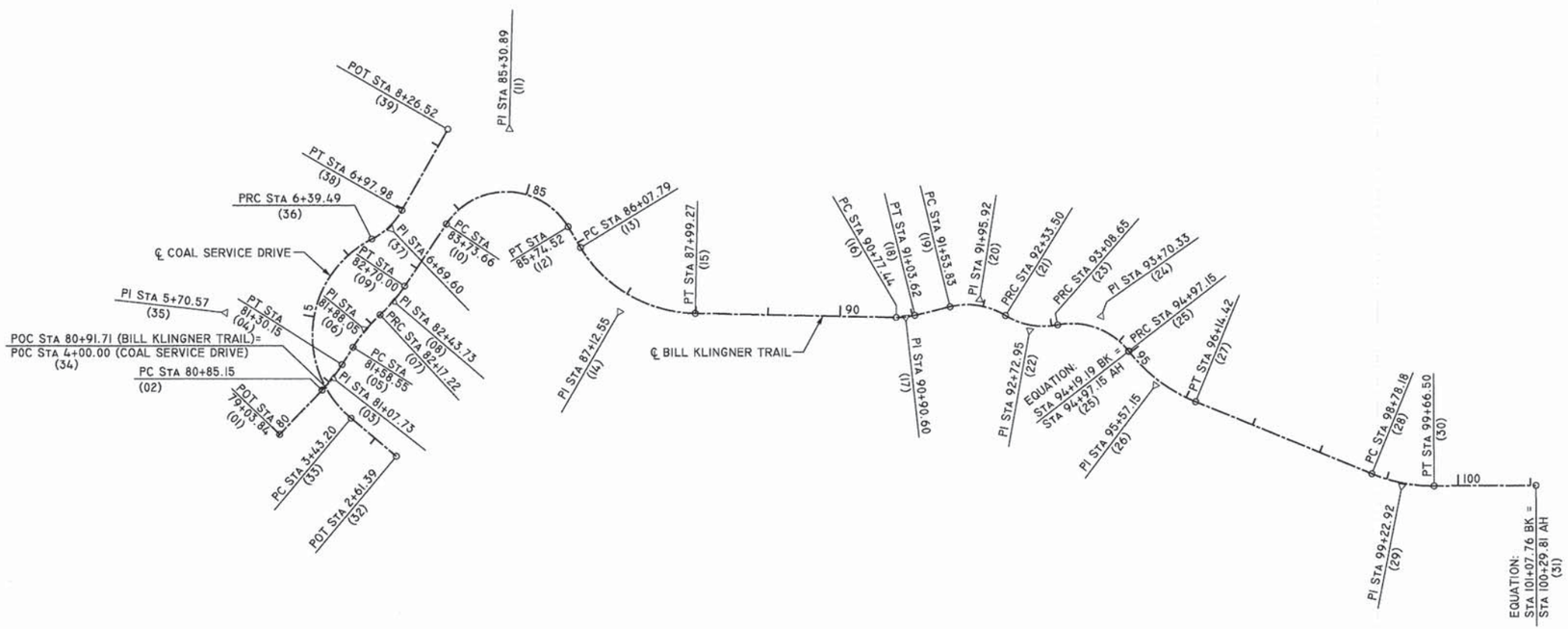
PROP. CURVE NB7
(20) PI STA. = 91+95.92
Δ= 45° 39' 01" (RT)
D = 57° 17' 45"
R = 100.00'
T = 42.09'
L = 79.67'
E = 8.50'
(19) P.C. STA = 91+53.83
(21) P.T. STA = 92+33.50

PROP. CURVE NB8
(22) PI STA. = 92+72.95
Δ= 43° 03' 17" (LT)
D = 57° 17' 45"
R = 100.00'
T = 39.45'
L = 75.14'
E = 7.50'
(21) P.C. STA = 92+33.50
(23) P.T. STA = 93+08.65

PROP. CURVE NB9
(24) PI STA. = 93+70.33
Δ= 63° 20' 15" (RT)
D = 57° 17' 45"
R = 100.00'
T = 61.69'
L = 110.54'
E = 17.50'
(23) P.C. STA = 93+08.65
(25) P.R.C. STA = 94+19.19

PROP. CURVE NC1
(26) PI STA. = 95+57.15
Δ= 29° 51' 46" (LT)
D = 25° 27' 53"
R = 225.00'
T = 60.00'
L = 117.27'
E = 7.86'
(25) P.R.C. STA = 94+97.15
(27) P.T. STA = 96+14.42

PROP. CURVE NC2
(29) PI STA. = 99+22.92
Δ= 22° 29' 31" (LT)
D = 25° 27' 53"
R = 225.00'
T = 44.74'
L = 88.33'
E = 4.40'
(28) P.C. STA = 98+78.18
(30) P.T. STA = 99+66.50



CONTROL POINTS		
POINT #	NORTHING	EASTING
01	1,200,649.2817	1,950,034.5010
02	1,200,710.7065	1,950,093.4731
03	1,200,726.9915	1,950,109.1078
04	1,200,746.0580	1,950,121.1955
05	1,200,770.0425	1,950,136.4012
06	1,200,794.9594	1,950,152.1979
07	1,200,814.9614	1,950,173.8845
08	1,200,832.9360	1,950,193.3728
09	1,200,854.9480	1,950,208.1496
10	1,200,941.0115	1,950,265.9241
11	1,201,071.5539	1,950,353.5575
12	1,200,936.8397	1,950,434.6315
13	1,200,908.3363	1,950,451.7854
14	1,200,818.5775	1,950,505.8043
15	1,200,816.3515	1,950,610.5408
16	1,200,810.4407	1,950,888.6468
17	1,200,810.1609	1,950,901.8090
18	1,200,813.2974	1,950,914.5952
19	1,200,825.2597	1,950,963.3616
20	1,200,835.2865	1,951,004.2375
21	1,200,813.0658	1,951,039.9813
22	1,200,792.2397	1,951,073.4817
23	1,200,799.8927	1,951,112.1785
24	1,200,811.8604	1,951,172.6922
25	1,200,763.1518	1,951,210.5420
26	1,200,715.7741	1,951,247.3575
27	1,200,693.0188	1,951,302.8752
28	1,200,592.9872	1,951,546.9284
29	1,200,576.0196	1,951,588.3248
30	1,200,576.1790	1,951,633.0633
31	1,200,576.6824	1,951,774.3212
32	1,200,618.9682	1,950,196.1021
33	1,200,671.6605	1,950,133.5189
34	1,200,715.5022	1,950,097.9448
35	1,200,818.1038	1,949,959.5864
36	1,200,920.3753	1,950,162.6595
37	1,200,933.9184	1,950,189.5512
38	1,200,960.0580	1,950,204.4946
39	1,201,071.6464	1,950,268.2876

PROP. CURVE COAL01
(35) PI STA. = 5+70.57
Δ= 113° 10' 24" (RT)
D = 38° 11' 50"
R = 150.00'
T = 227.37'
L = 296.29'
E = 122.39'
(33) P.C. STA = 3+43.20
(36) P.T. STA = 6+39.49

PROP. CURVE COAL02
(37) PI STA. = 6+69.60
Δ= 33° 30' 49" (LT)
D = 57° 17' 45"
R = 100.00'
T = 30.11'
L = 58.49'
E = 4.43'
(36) P.C. STA = 6+39.49
(38) P.T. STA = 6+97.98

N

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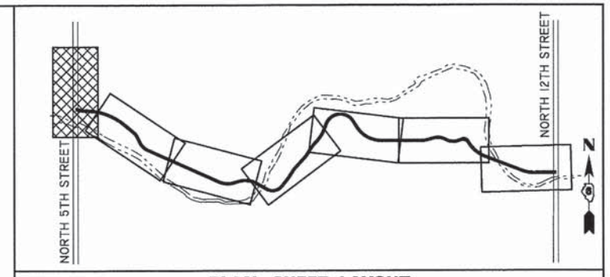
GRAPHIC SCALE (IN FEET)

FILE NAME Q:\IFiles\110098\05 Plans\Phase2\10-P4003-03-BT - Alignment02.dgn

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = bgj	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	ALIGNMENT AND BENCHMARK DATA			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					10-P4003-03-BT	ADAMS	131	23
	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 93630		
	PLOT DATE = 1/16/2015	DATE -	REVISED -		SCALE: 1"=100'	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



PLAN SHEET LAYOUT

SEE SHEETS 40-41 FOR PARKING LOT DETAILS

QUINCY PARK DISTRICT

EX EASEMENT (CITY OF QUINCY)

CONC RETAINING WALL

49+00.00
80.00' LT

EX ROW

POT STA 62+00.00 (BILL KLINGNER TRAIL) =
POT STA 49+87.12 (NORTH 5TH STREET)

PROPSED IMPACT ATTENUATOR
(FULLY REDIRECTIVE, NARROW)

BEGIN SECTION II-P4003-03-BT
POT STA 62+17.17

75°00'00"

REMOVE EX GUARDRAIL

REMOVE EX CBG
TY B-6.12 (DEPRESSED)
PROPOSED PCC SW 6"

6' FLARE

50+00

50+80.0 CE
16.0' CONC

51+00.00
41.15' LT

51+95.0 CE
16.0' CONC

75°00'00"

℄ NORTH 5TH STREET

53+77.11
41.13' LT

POT STA 53+77.82

12" CLAY

CONC

ASPHALT

PC STA 62+32.98

PI STA
62+46.70

49+91.43
50.00' RT

PI STA 62+60.26

PC STA 62+66.28

PROP. CURVE A01A
PI STA. = 62+46.70
Δ= 15° 37' 36" (LT)
D = 57° 17' 45"
R = 100.00'
T = 13.72'
L = 27.27'
E = 0.94'
P.C. STA = 62+32.98
P.T. STA = 62+60.26

STONE DUMPED RIPRAP
CLASS A5

CEDAR CREEK

EX EASEMENT (CITY OF QUINCY)

49+00.00
80.00' RT

28.00'

EX EASEMENT (SEWER)

3.0'
3.5'
10.0'
3.5'

℄ BILL KLINGNER TRAIL

PROPOSED AGG SHLD

PROPOSED HMA TRAIL

RUSTIC WOOD POST AND RAIL FENCE

GRADING LIMITS

EX EASEMENT (QUINCY PARK DISTRICT)

GRADING LIMITS

MATCH LINE STA 63+50

DEPARTMENT OF CENTRAL
MANAGEMENT SERVICES,
STATE OF ILLINOIS

PROP. CURVE A02
PI STA. = 64+14.35
Δ= 40° 37' 36" (RT)
D = 14° 19' 26"
R = 400.00'
T = 148.07'
L = 283.63'
E = 26.53'
P.C. STA = 62+66.28
P.T. STA = 65+49.90

JAYHAWK LEASING, INC

MERCANTILE BANK, TRUSTEE OF TR 49-850800

A – STA 62+42.3 11.8' RT
MANHOLES TO BE RECON W NEW TY I FR, CLOSED LID, 1 EACH
TOP OF LID ELEV = 538.61
EXISTING LID = 532.36

B – STORM SEWERS, CLASS B, TYPE 2 15", 22'
USFL = 537.20
DSFL = 534.10
TRENCH BACKFILL = 2.5 CY

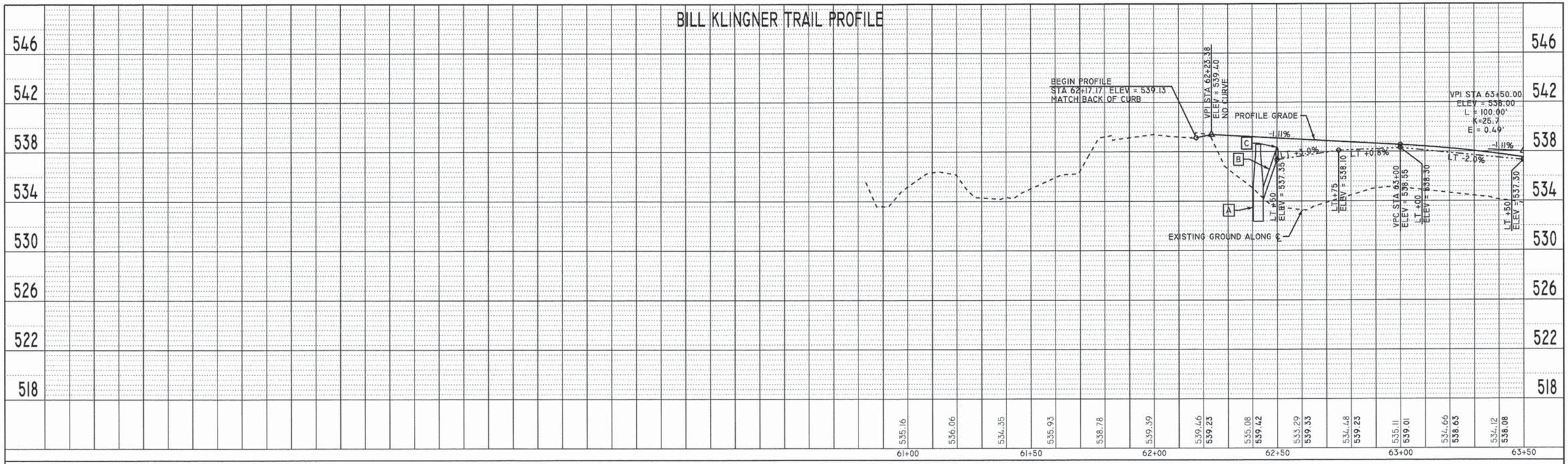
C – STA 62+50.0 11.5' LT
END SECTIONS 12", 1 EACH

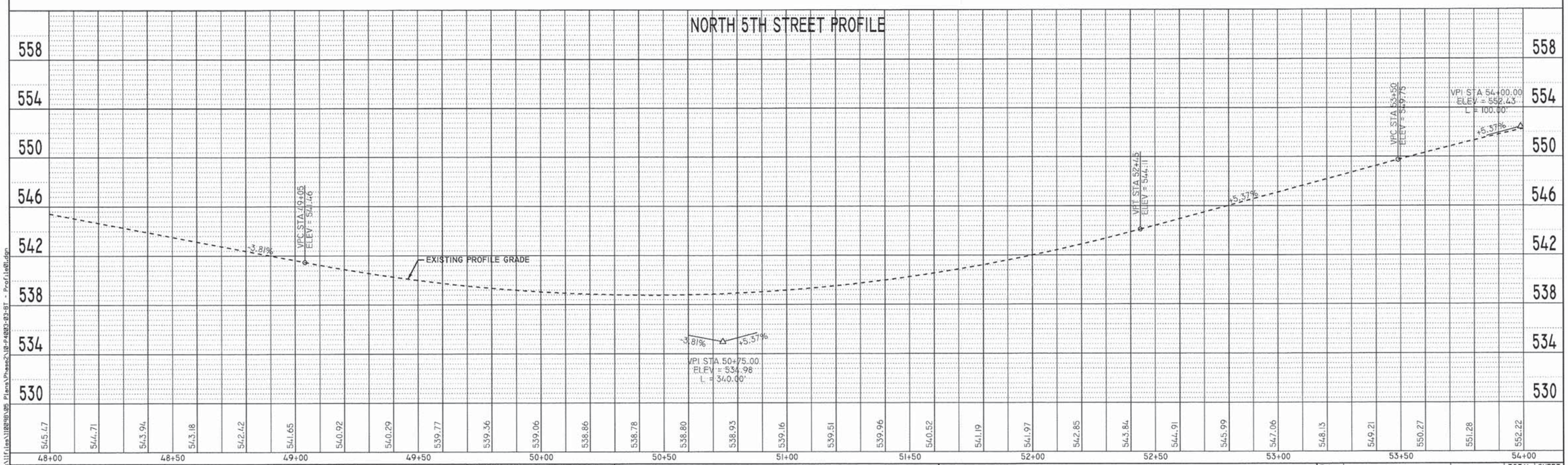
N

40 0 40
GRAPHIC SCALE (IN FEET)

FILE NAME D:\IDOT\Files\110P4003\05 Plans\Phase2\10-P4003-03-BT - Plan01.dgn

KLINGNER & ASSOCIATES, P.C. Engineers · Architects · Surveyors	USER NAME = seb	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	PLAN VIEW – STA 62+00 TO 63+50	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			10-P4003-03-BT	ADAMS	131	24
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 93630			
	PLOT DATE = 1/19/2015	DATE -	REVISED -		SCALE: 1"=20' / SHEET NO. 1 OF 15 SHEETS / STA. 62+00 TO STA. 63+50	ILLINOIS FED. AID PROJECT			





PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			

FILE NAME Q:\Files\10298\05 Plans\Phase2\10-P4003-03-BT - Profile01.dgn

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Engineers · Architects · Surveyors

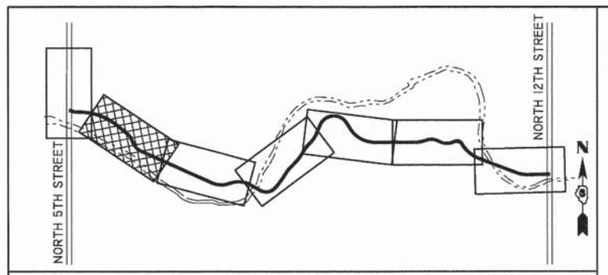
USER NAME = bgj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PROFILE VIEW – STA 62+00 TO 63+50

SCALE: 1"=20' | SHEET NO. 2 OF 15 SHEETS | STA. 62+00 TO STA. 63+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-P4003-03-BT	ADAMS	131	25
		CONTRACT NO. 93630		
	ILLINOIS	FED. AID PROJECT		



PLAN SHEET LAYOUT

D STA 65+50.0
PIPE CULVERT, CLASS C, TYPE 2 36", 48'
USFL = 523.89 23.2' LT
DSFL = 523.06 24.8' RT
END SECTIONS 36", 2 EACH
DRAINAGE AREA = 3.6 ACRES
Q30 = 32 CFS Q100=41 CFS
TRENCH BACKFILL = 5.9 CY

E STA 67+80.0
PIPE CULVERT, CLASS C, TYPE 1 36", 2-32'
USFL = 519.70 14.8' LT
DSFL = 519.11 17.2' RT
END SECTIONS 36", 4 EACH
DRAINAGE AREA = 11.9 ACRES
Q30 = 55 CFS Q100=71 CFS
TRENCH BACKFILL = 5.2 CY

66+49.00
291.87' LT

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES, STATE OF ILLINOIS

65+75.4
169.6' LT

JAYHAWK LEASING, INC

NE 1/4, SECTION 26, T1S, R9W, 4TH PM
T1S, R9W, 4TH PM
1/4 SECTION LINE
SE 1/4, SECTION 26, T1S, R9W, 4TH PM
NW 1/4, SECTION 26, T1S, R9W, 4TH PM
SW 1/4, SECTION 26, T1S, R9W, 4TH PM

PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES, STATE OF ILLINOIS

EX EASEMENT (QUINCY PARK DISTRICT)

PROP. CURVE A04
PI STA. = 67+47.01
Δ= 40° 48' 10" (LT)
D = 57° 17' 45"
R = 100.00'
T = 37.19'
L = 71.21'
E = 6.69'
P.C. STA = 67+09.81
P.T. STA = 67+81.03

PI STA 64+14.35

PROPOSED HMA TRAIL

TREE TO REMAIN

PT STA 65+49.90

GRADING LIMITS

PC STA 66+28.60

PI STA 66+50.77

PT STA 66+72.23

BRUSH PILE

TIMBER

69+31.37
30.00' LT

68+50.0
25.0' LT

67+20.0
28.0' LT

PC STA 67+09.81

PT STA 67+81.03

℄ BILL KLINGNER TRAIL

PROPOSED AGG SHLD

MATCH LINE STA 63+50

MATCH LINE STA 69+50

RUSTIC WOOD POST AND RAIL FENCE

STONE DUMPED RIPRAP CLASS A4

EX EASEMENT (SEWER)

PROP. CURVE A02
PI STA. = 64+14.35
Δ= 40° 37' 36" (RT)
D = 14° 19' 26"
R = 400.00'
T = 148.07'
L = 283.63'
E = 26.53'
P.C. STA = 62+66.28
P.T. STA = 65+49.90

1/4 SECTION LINE

PROP. CURVE A03
PI STA. = 66+50.77
Δ= 25° 00' 00" (RT)
D = 57° 17' 45"
R = 100.00'
T = 22.17'
L = 43.63'
E = 2.43'
P.C. STA = 66+28.60
P.T. STA = 66+72.23

PI STA 67+47.01

STONE DUMPED RIPRAP CLASS A4

CEDAR CREEK

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES, STATE OF ILLINOIS

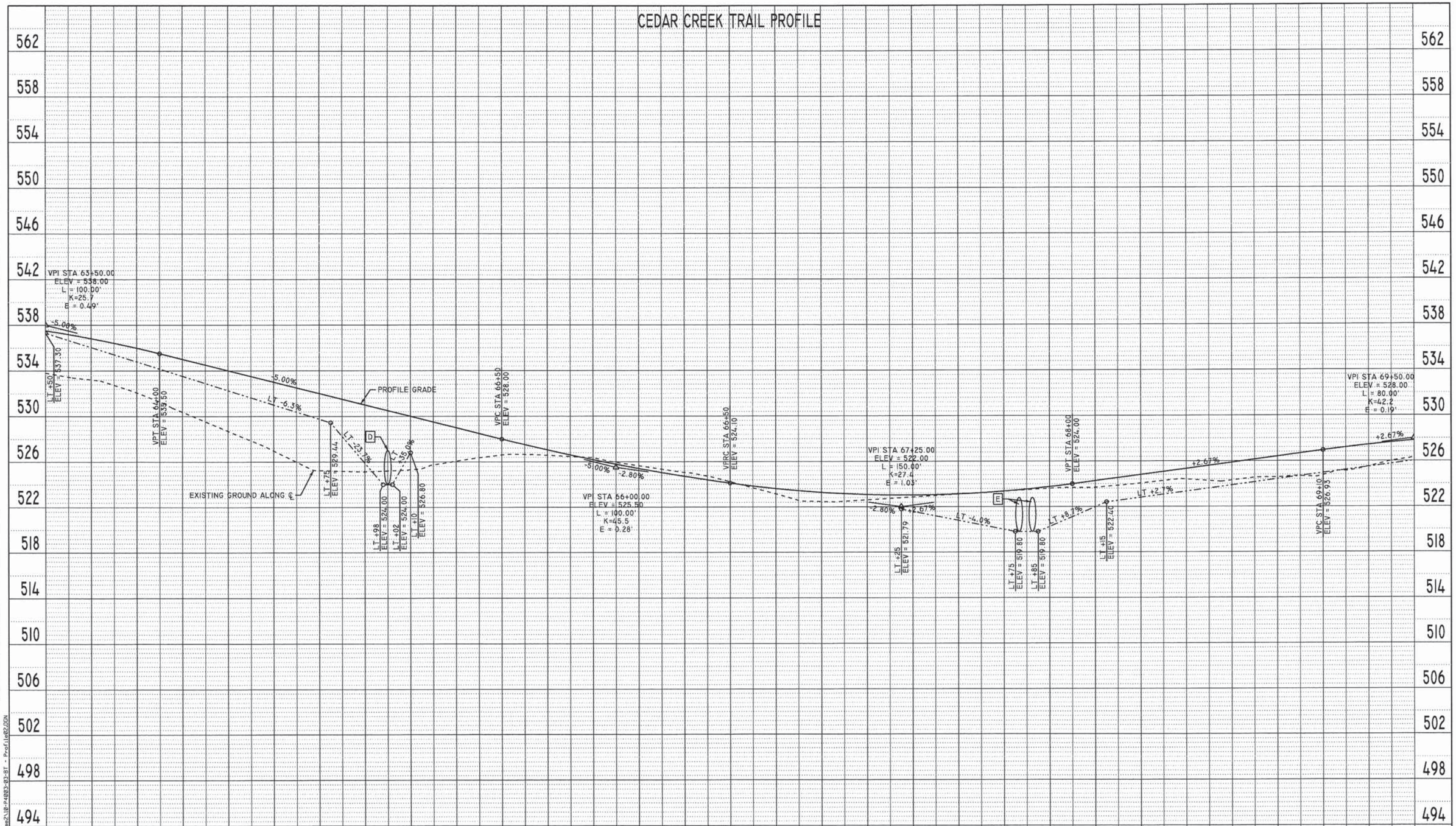
GRAPHIC SCALE 40 0 40 (IN FEET)

FILE NAME Q:\Files\12018\05 Plans\Phase2\10-P4003-03-BT - Plan02.dgn

KLINGNER & ASSOCIATES, P.C. Engineers · Architects · Surveyors	USER NAME = seb	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	PLAN VIEW – STA 63+50 TO 69+50
		DRAWN -	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		SCALE: 1"=20' / SHEET NO. 3 OF 15 SHEETS / STA. 63+50 TO STA. 69+50
	PLOT DATE = 1/19/2015	DATE -	REVISED -		

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	26
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

CEDAR CREEK TRAIL PROFILE



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. ____ — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CHKD — NOTE BOOK NO. ____ — BY — DATE

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Engineers · Architects · Surveyors

USER NAME = bgj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

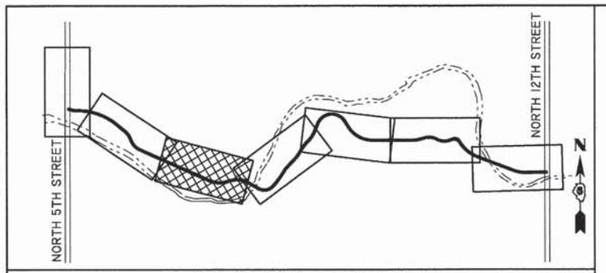
PROFILE VIEW – STA 63+50 TO 69+50

SCALE: 1"=20' | SHEET NO. 4 OF 15 SHEETS | STA. 63+50 TO STA. 69+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	27

CONTRACT NO. 93630

ILLINOIS FED. AID PROJECT



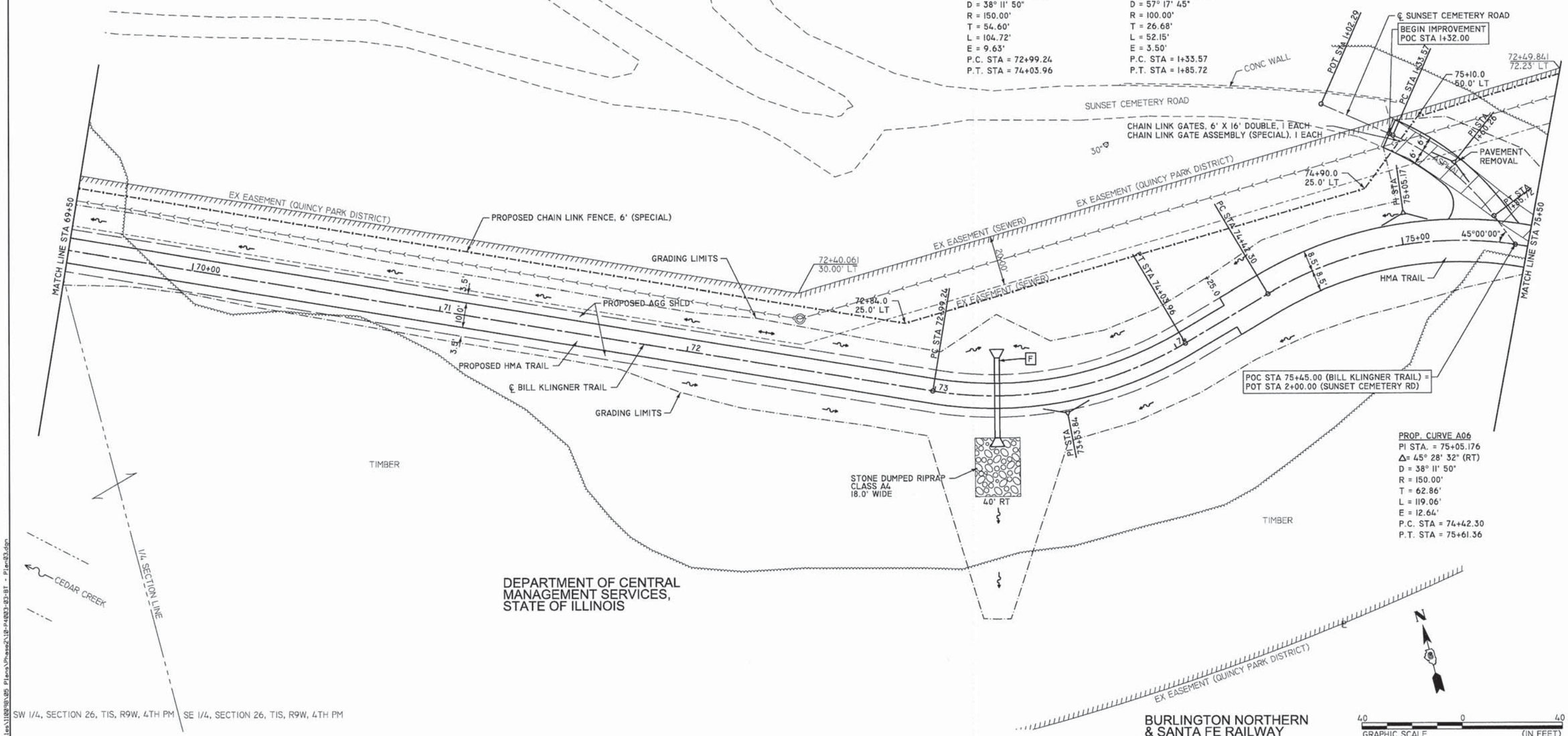
PLAN SHEET LAYOUT

F STA 73+25.0
PIPE CULVERT, CLASS C, TYPE 1 24", 32'
USFL = 525.94 15.2' LT
DSFL = 525.57 16.8' RT
END SECTIONS 24", 2 EACH
DRAINAGE AREA = 1.3 ACRES
Q30 = 6 CFS Q100=8 CFS
TRENCH BACKFILL = 6.6 CY

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES, STATE OF ILLINOIS

PROP. CURVE A05
PI STA. = 73+53.84
Δ= 40° 00' 00" (LT)
D = 38° 11' 50"
R = 150.00'
T = 54.60'
L = 104.72'
E = 9.63'
P.C. STA = 72+99.24
P.T. STA = 74+03.96

PROP. CURVE SUNSET02
PI STA. = 1+60.26
Δ= 29° 52' 49" (RT)
D = 57° 17' 45"
R = 100.00'
T = 26.68'
L = 52.15'
E = 3.50'
P.C. STA = 1+33.57
P.T. STA = 1+85.72



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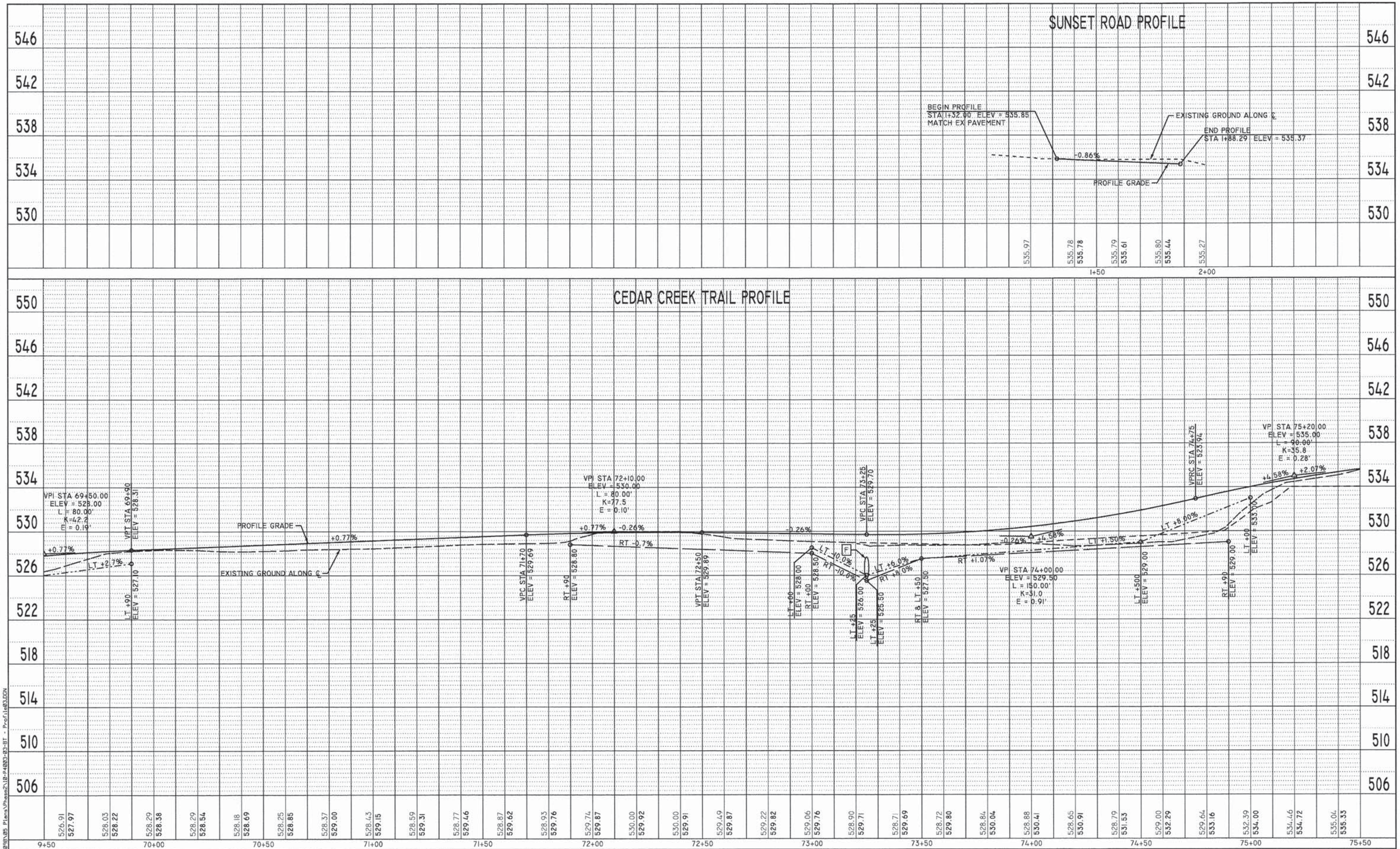
KLINGNER & ASSOCIATES, P.C. Engineers · Architects · Surveyors	USER NAME = seb	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	PLAN VIEW – STA 69+50 TO 75+50		SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -				10-P4003-03-BT	ADAMS	131 / 28
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 93630	
	PLOT DATE = 1/19/2015	DATE -	REVISED -		SCALE: 1"=20'	SHEET NO. 5 OF 15 SHEETS	STA. 69+50 TO STA. 75+50	ILLINOIS FED. AID PROJECT	



PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.
BY
DATE

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	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/16/2015	DATE -	REVISED -	

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PROFILE VIEW – STA 69+50 TO 75+50

SCALE: 1"=20' | SHEET NO. 6 OF 15 SHEETS | STA. 69+50 TO STA. 75+50

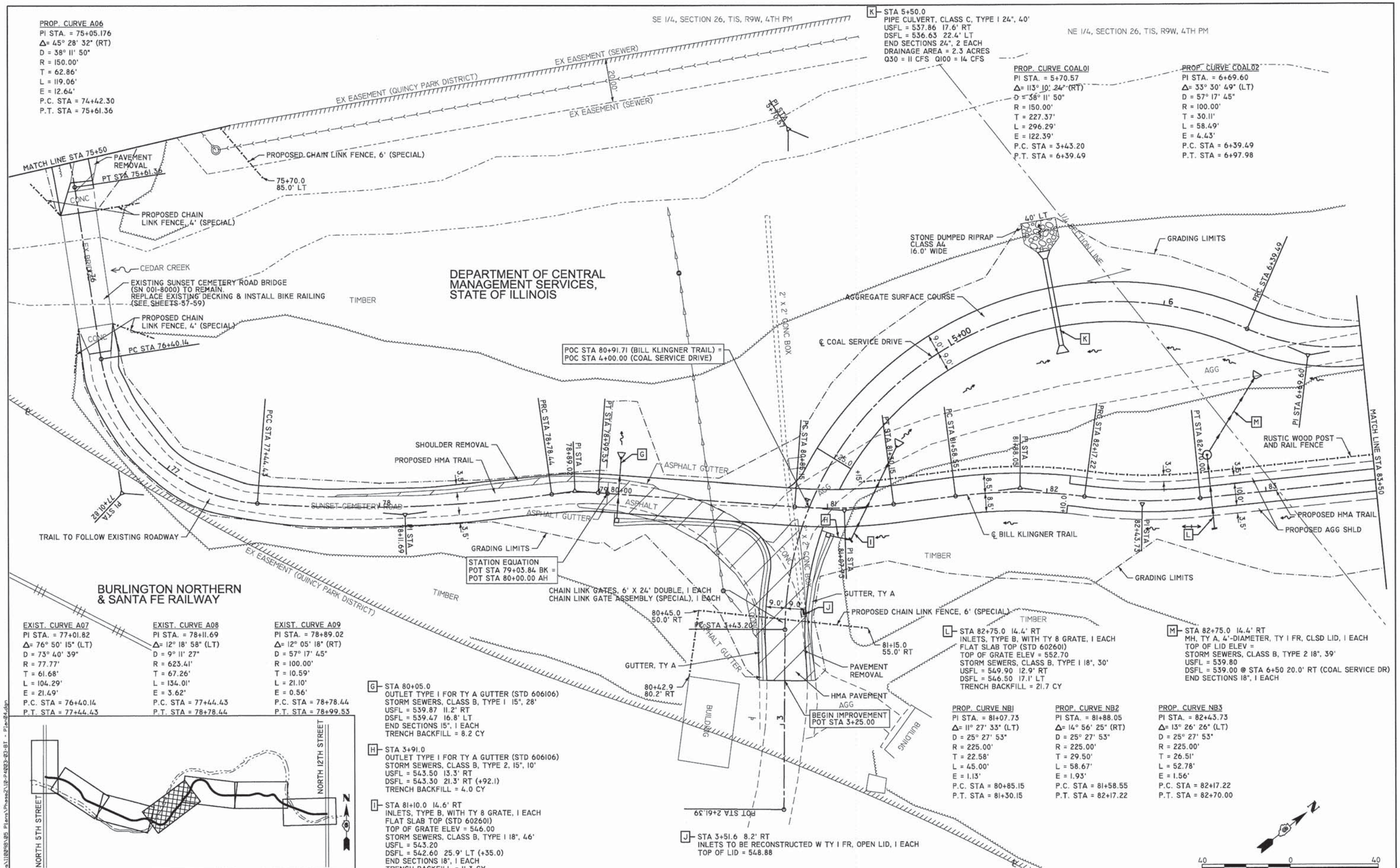
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	29
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

PROP. CURVE A06
PI STA. = 75+05.176
Δ= 45° 28' 32" (RT)
D = 38° 11' 50"
R = 150.00'
T = 62.86'
L = 119.06'
E = 12.64'
P.C. STA = 74+42.30
P.T. STA = 75+61.36

K STA 5+50.0
PIPE CULVERT, CLASS C, TYPE 1 24", 40'
USFL = 537.86 17.6' RT
DSFL = 536.63 22.4' LT
END SECTIONS 24", 2 EACH
DRAINAGE AREA = 2.3 ACRES
Q30 = 11 CFS Q100 = 14 CFS

PROP. CURVE COAL01
PI STA. = 5+70.57
Δ= 113° 10' 24" (RT)
D = 38° 11' 50"
R = 150.00'
T = 227.37'
L = 296.29'
E = 122.39'
P.C. STA = 3+43.20
P.T. STA = 6+39.49

PROP. CURVE COAL02
PI STA. = 6+69.60
Δ= 33° 30' 49" (LT)
D = 57° 17' 45"
R = 100.00'
T = 30.11'
L = 58.49'
E = 4.43'
P.C. STA = 6+39.49
P.T. STA = 6+97.98



EXIST. CURVE A07
PI STA. = 77+01.82
Δ= 76° 50' 15" (LT)
D = 73° 40' 39"
R = 77.77'
T = 61.68'
L = 104.29'
E = 21.49'
P.C. STA = 76+40.14
P.T. STA = 77+44.43

EXIST. CURVE A08
PI STA. = 78+11.69
Δ= 12° 18' 58" (LT)
D = 9° 11' 27"
R = 623.41'
T = 67.26'
L = 134.01'
E = 3.62'
P.C. STA = 77+44.43
P.T. STA = 78+78.44

EXIST. CURVE A09
PI STA. = 78+89.02
Δ= 12° 05' 18" (RT)
D = 57° 17' 45"
R = 100.00'
T = 10.59'
L = 21.10'
E = 0.56'
P.C. STA = 78+78.44
P.T. STA = 78+99.53

G STA 80+05.0
OUTLET TYPE 1 FOR TY A GUTTER (STD 606106)
STORM SEWERS, CLASS B, TYPE 1 15", 28'
USFL = 539.87 11.2' RT
DSFL = 539.47 16.8' LT
END SECTIONS 15", 1 EACH
TRENCH BACKFILL = 8.2 CY

H STA 3+91.0
OUTLET TYPE 1 FOR TY A GUTTER (STD 606106)
STORM SEWERS, CLASS B, TYPE 2, 15", 10'
USFL = 543.50 13.3' RT
DSFL = 543.30 21.3' RT (+92.1)
TRENCH BACKFILL = 4.0 CY

I STA 81+10.0 14.6' RT
INLETS, TYPE B, WITH TY 8 GRATE, 1 EACH
FLAT SLAB TOP (STD 602601)
TOP OF GRATE ELEV = 546.00
STORM SEWERS, CLASS B, TYPE 1 18", 46'
USFL = 543.20
DSFL = 542.60 25.9' LT (+35.0)
END SECTIONS 18", 1 EACH
TRENCH BACKFILL = 11.3 CY

J STA 3+51.6 8.2' RT
INLETS TO BE RECONSTRUCTED W TY 1 FR, OPEN LID, 1 EACH
TOP OF LID = 548.88

L STA 82+75.0 14.4' RT
INLETS, TYPE B, WITH TY 8 GRATE, 1 EACH
FLAT SLAB TOP (STD 602601)
TOP OF GRATE ELEV = 552.70
STORM SEWERS, CLASS B, TYPE 1 18", 30'
USFL = 549.90 12.9' RT
DSFL = 546.50 17.1' LT
TRENCH BACKFILL = 21.7 CY

M STA 82+75.0 14.4' RT
MH, TY A, 4'-DIAMETER, TY 1 FR, CLSD LID, 1 EACH
TOP OF LID ELEV =
STORM SEWERS, CLASS B, TYPE 2 18", 39'
USFL = 539.80
DSFL = 539.00 @ STA 6+50 20.0' RT (COAL SERVICE DR)
END SECTIONS 18", 1 EACH

PROP. CURVE NB1
PI STA. = 81+07.73
Δ= 11° 27' 33" (LT)
D = 25° 27' 53"
R = 225.00'
T = 22.58'
L = 45.00'
E = 1.13'
P.C. STA = 80+85.15
P.T. STA = 81+30.15

PROP. CURVE NB2
PI STA. = 81+88.05
Δ= 14° 56' 25" (RT)
D = 25° 27' 53"
R = 225.00'
T = 29.50'
L = 58.67'
E = 1.93'
P.C. STA = 81+58.55
P.T. STA = 82+17.22

PROP. CURVE NB3
PI STA. = 82+43.73
Δ= 13° 26' 26" (LT)
D = 25° 27' 53"
R = 225.00'
T = 26.51'
L = 52.78'
E = 1.56'
P.C. STA = 82+17.22
P.T. STA = 82+70.00

PLAN SHEET LAYOUT

40 0 40
GRAPHIC SCALE (IN FEET)

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KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors

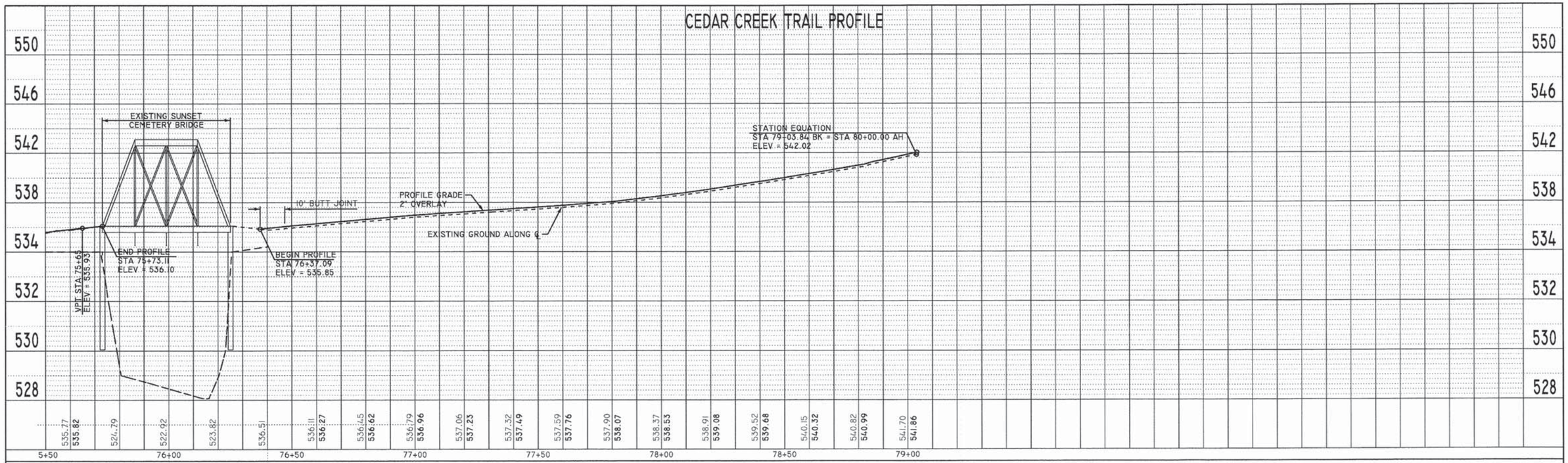
USER NAME = seb	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/19/2015	DATE -	REVISED -

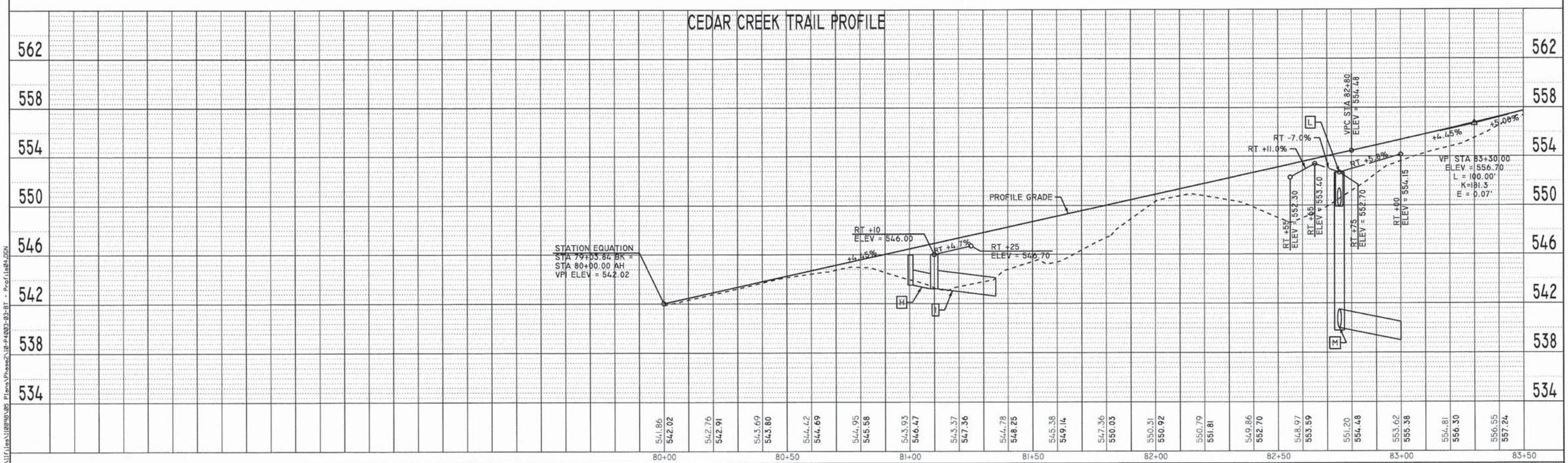
QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PLAN VIEW – STA 75+50 TO 83+50

SCALE: 1"=20' | SHEET NO. 7 OF 15 SHEETS | STA. 75+50 TO STA. 83+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	30
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		





PLAN
SURVEYED
PLOTTED
ADDED TO CADD
RT. OF WAY CHECKED
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
ADDED TO CADD
BLM. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.
BY
DATE

FILE NAME G:\IFiles\110898\05 Plans\Phase2\10-P4003-03-BT - Profile04.DGN

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

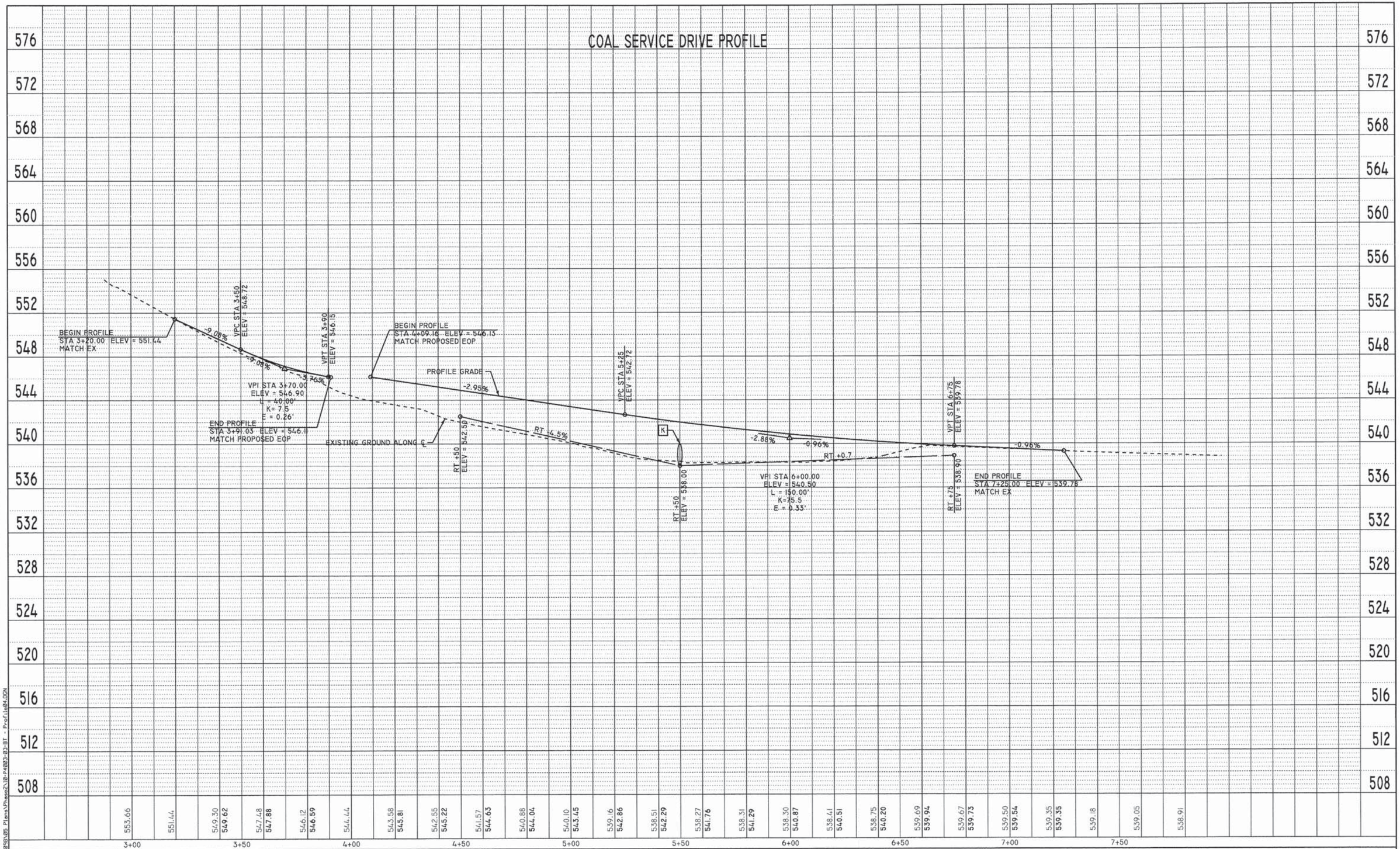
USER NAME = bgj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PROFILE VIEW – STA 75+50 TO 83+50

SCALE: 1"=20' | SHEET NO. 8 OF 15 SHEETS | STA. 75+50 TO STA. 83+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-P4003-03-BT	ADAMS	131	31
	CONTRACT NO. 93630			
	ILLINOIS FED. AID PROJECT			



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NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

FILE NAME O:\llfiles\1089\95 Plans\Phase2\18-P4003-03-BT - Profile04.DGN

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

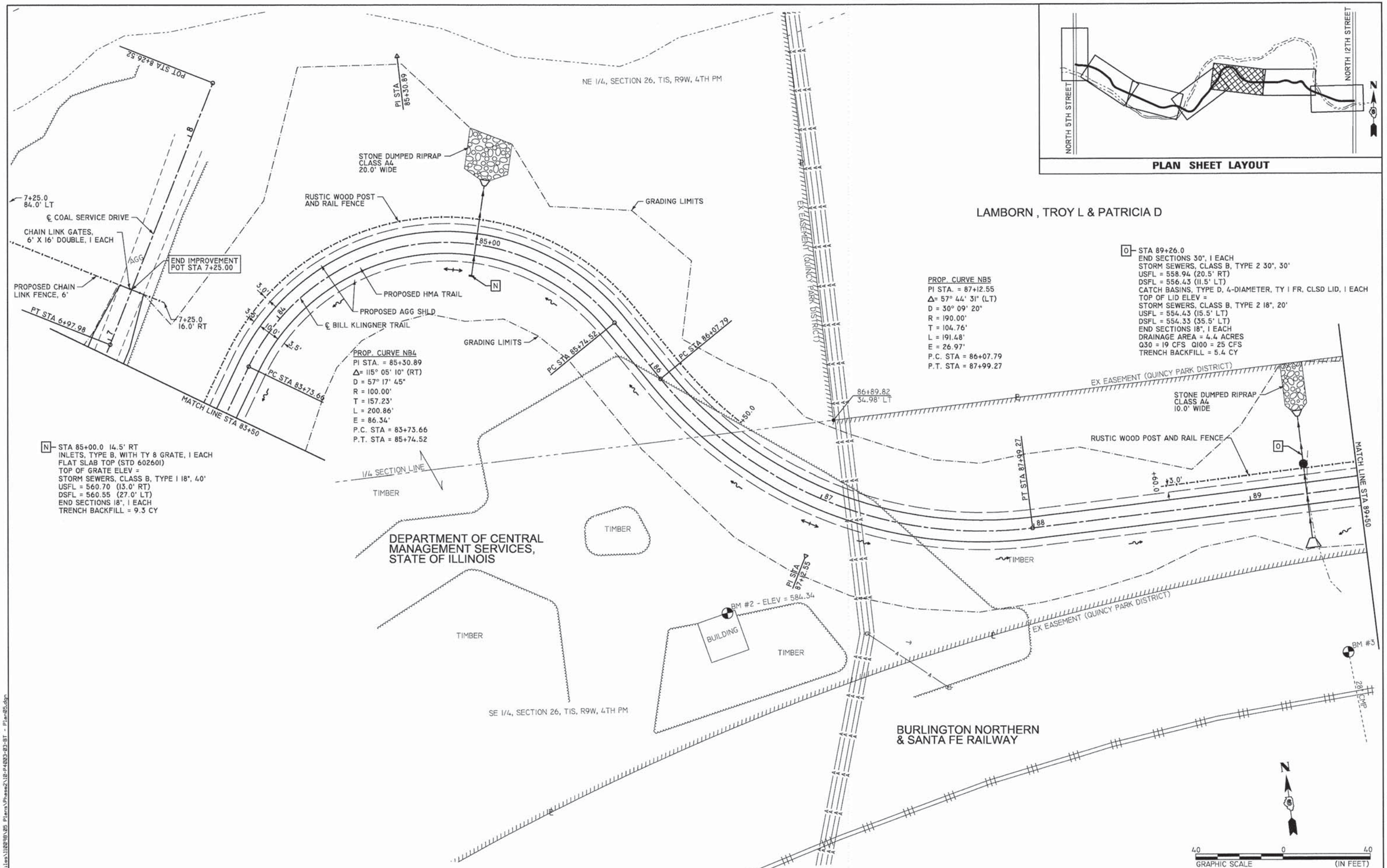
USER NAME = bgj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PROFILE VIEW – COAL SERVICE DRIVE

SCALE: | SHEET NO. 9 OF 15 SHEETS | STA. | TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	32
CONTRACT NO. 93630			
ILLINOIS FED. AID PROJECT			



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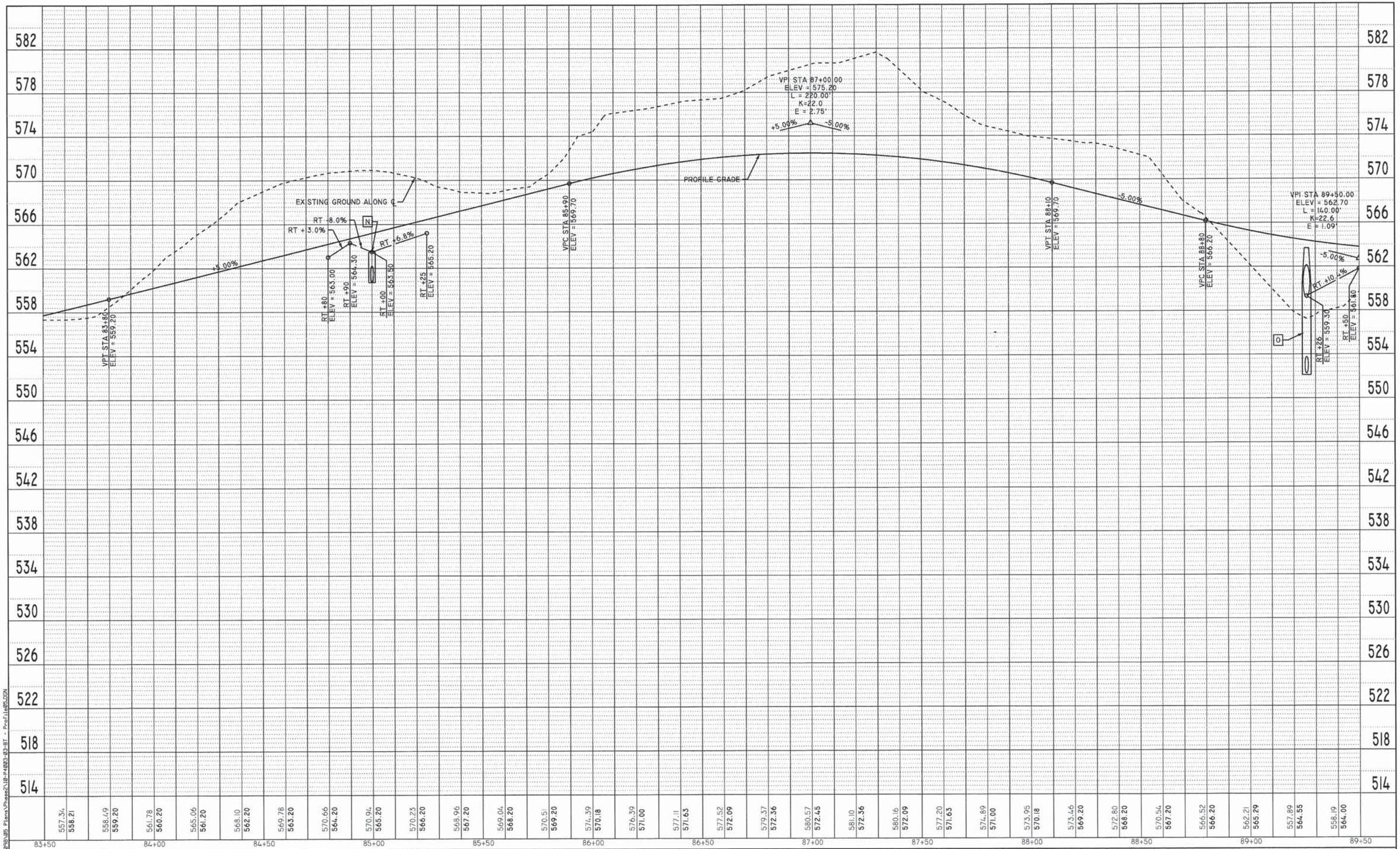
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = bgj	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PLAN VIEW – STA 83+50 TO 89+50

SCALE: 1"=20' | SHEET NO. 10 OF 15 SHEETS | STA. 83+50 TO STA. 89+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	33
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		



PLAN
NOTE BOOK NO. ____
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO. ____
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = bgj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PROFILE VIEW – STA 83+50 TO 89+50

SCALE: 1"=20' | SHEET NO. 11 OF 15 SHEETS | STA. 83+50 TO STA. 89+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	34
CONTRACT NO. 93630			
ILLINOIS FED. AID PROJECT			

P STA 92+85.0
PIPE CULVERTS, CLASS C, TYPE 2 42", 56'
USFL = 558.20 (26.4' RT)
DSFL = 556.85 (29.6' LT)
END SECTIONS 42", 2 EACH
DRAINAGE AREA = 10.9 ACRES
Q30 = 77 CFS Q100 = 99 CFS
TRENCH BACKFILL = 49.4 CY

PROP. CURVE NB6
PI STA. = 90+90.60
Δ= 15° 00' 00" (LT)
D = 57° 17' 45"
R = 100.00'
T = 13.17'
L = 26.18'
E = 0.86'
P.C. STA = 90+77.44
P.T. STA = 91+03.62

PROP. CURVE NB8
PI STA. = 92+72.95
Δ= 43° 03' 17" (LT)
D = 57° 17' 45"
R = 100.00'
T = 39.45'
L = 75.14'
E = 7.50'
P.C. STA = 92+33.50
P.T. STA = 93+08.65

LAMBORN , TROY L & PATRICIA D

HUTMACHER , LAWRENCE J, TR

93+04.05
67.66' LT

EX EASEMENT (QUINCY PARK DISTRICT)

STA 91+25.0
WIDEN SHOULDER FOR
VEHICULAR TURNAROUND
+15.0 25' LT

PC STA 91+53.83

PI STA 91+95.92

GRADING LIMITS

64.5' LT

STONE DUMPED RIPRAP
CLASS A4
21.0' WIDE (15'x15' POOL)

DEPARTMENT OF CENTRAL
MANAGEMENT SERVICES,
STATE OF ILLINOIS

PROPOSED AGG SHLD

PROPOSED HMA TRAIL

RUSTIC WOOD POST
AND RAIL FENCE

PC STA 90+77.44

PT STA 91+03.62

+35.0
25' LT

16.0'

5' TAPERS

TIMBER

PRC STA 92+33.50

PRC STA 93+08.65

PI STA 93+70.33

PROP. CURVE NC1
PI STA. = 95+57.15
Δ= 29° 51' 46" (LT)
D = 25° 27' 53"
R = 225.00'
T = 60.00'
L = 117.27'
E = 7.86'
P.R.C. STA = 94+97.15
P.T. STA = 96+14.42

MATCH LINE STA 89+50

90+00

92

93

94

95+00

3.0'

10.0'

3.5'

+25

+40'

℄ BILL KLINGNER TRAIL

PI STA 90+90.60

RUSTIC WOOD POST
AND RAIL FENCE

PI STA 92+72.95

STATION EQUATION:
PRC STA 94+19.19 BK =
PRC STA 94+97.15 AH

TIMBER

EX EASEMENT (QUINCY PARK DISTRICT)

TIMBER

GRADING LIMITS

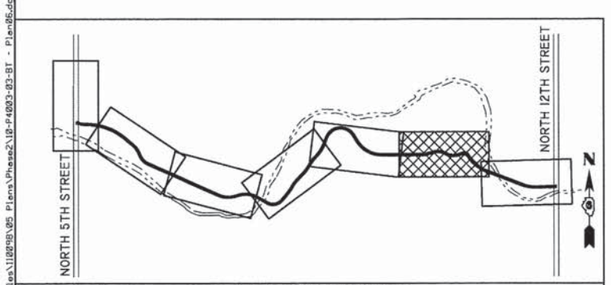
ELEV = 563.60

PROP. CURVE NB7
PI STA. = 91+95.92
Δ= 45° 39' 01" (RT)
D = 57° 17' 45"
R = 100.00'
T = 42.09'
L = 79.67'
E = 8.50'
P.C. STA = 91+53.83
P.T. STA = 92+33.50

PROP. CURVE NB9
PI STA. = 93+70.33
Δ= 63° 20' 15" (RT)
D = 57° 17' 45"
R = 100.00'
T = 61.69'
L = 110.54'
E = 17.50'
P.C. STA = 93+08.65
P.R.C. STA = 94+19.19

MATCH LINE STA 95+50

BURLINGTON NORTHERN
& SANTA FE RAILWAY



PLAN SHEET LAYOUT

N

40 0 40
GRAPHIC SCALE (IN FEET)

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

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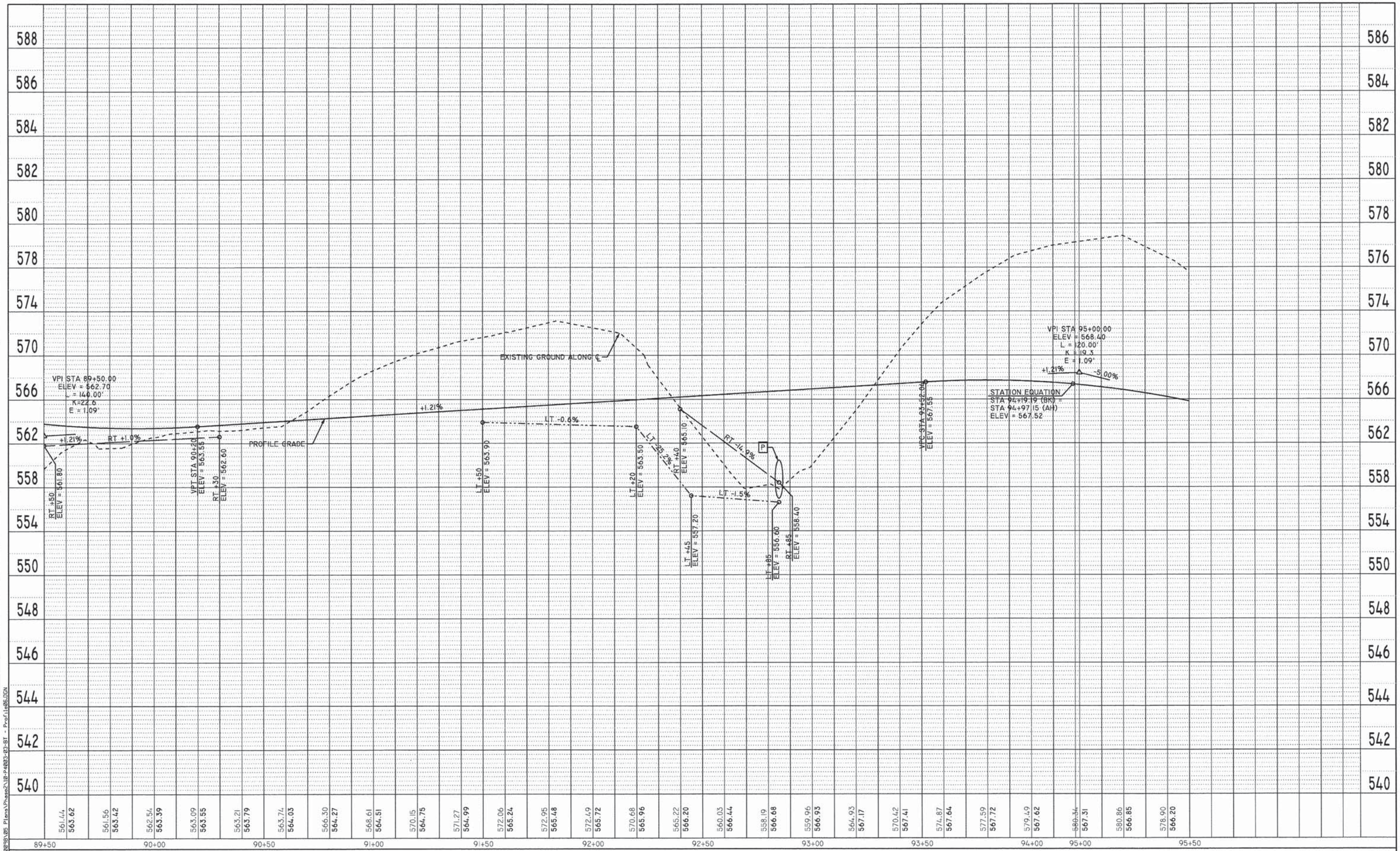
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/16/2015	DATE -	REVISED -	

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PLAN VIEW – STA 89+50 TO 95+50

SCALE: 1"=20' | SHEET NO. 12 OF 15 SHEETS | STA. 89+50 TO STA. 95+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	35
CONTRACT NO. 93630			
ILLINOIS FED. AID PROJECT			



PLAN	BY	DATE
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PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
NOTE BOOK		
NO.		
STRUCTURE NOTAT'NS CK'KD		

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KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors

USER NAME = bgj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PROFILE VIEW – STA 89+50 TO 95+50

SCALE: 1"=20' | SHEET NO. 13 OF 15 SHEETS | STA. 89+50 TO STA. 95+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	36
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

PROP. CURVE NC1
PI STA. = 95+43.56
Δ= 37° 28' 58" (LT)
D = 25° 27' 53"
R = 225.00'
T = 76.34'
L = 147.20'
E = 12.60'
P.C. STA = 94+67.22
P.T. STA = 96+14.42

CEDAR CREEK MANAGEMENT SOLUTIONS, INC

UNMISIG , KIRK T

96+01.49
36.45' LT

+85.0
22.0' LT

PROPOSED CHAIN LINK FENCE, 4' (SPECIAL)

EX EASEMENT (QUINCY PARK DISTRICT)

98+28.74
111.52' LT

MATCH LINE STA 95+50

PI STA 95+57.15

PT STA 96+14.42

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES, STATE OF ILLINOIS

PROP. CURVE NC2
PI STA. = 99+18.01
Δ= 22° 29' 31" (LT)
D = 25° 27' 53"
R = 225.00'
T = 44.74'
L = 88.33'
E = 4.40'
P.C. STA = 98+78.17
P.T. STA = 99+66.50

12TH STREET SPUR
RECONSTRUCT AS NEEDED TO REPAIR DAMAGE
FROM CONSTRUCTION EQUIPMENT ACCESS

ASPHALT

EX ROW

EX EASEMENT (QUINCY PARK DISTRICT)

NORTH 12TH STREET

Q

R

96

STONE RIPRAP, CLASS A4

GRADING LIMITS

TIMBER

PROPOSED CHAIN LINK FENCE, 4' SPECIAL

197

PROPOSED PREFABRICATED BRIDGE STRUCTURE SN 001-8001

STONE RIPRAP, CLASS A4

FOUNDATION

PROPOSED CHAIN LINK FENCE, 4' (SPECIAL)

PC STA 98+78.17

GRADING LIMITS

EX EASEMENT (QUINCY PARK DISTRICT)

℄ BILL KLINGNER TRAIL

PT STA 99+66.50

ASPHALT

AGG

AGG

CONC SW

POT STA 101+07.76

CONC

CONC

STONE RIPRAP, CLASS A4

667

3.5'

10.0'

3.5'

PROPOSED AGG SHLD

PI STA 99+22.91

CEDAR CREEK

PROPOSED HMA TRAIL

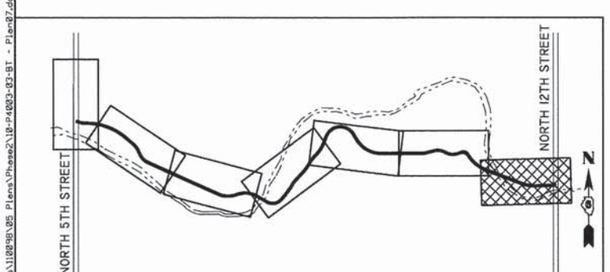
END IMPROVEMENT
POT STA 99+80.00

CEDAR CREEK

BURLINGTON NORTHERN & SANTA FE RAILWAY

Q STA 95+90.0 13.5' LT
INLETS, TYPE B, WITH TY 8 GRATE, 1 EACH
FLAT SLAB TOP (STD 602601)
TOP OF GRATE ELEV =
STORM SEWERS, CLASS B, TYPE 1 18", 24'
USFL = 559.79 (12.0' LT)
DSFL = 559.59 (12.0' RT)
INLETS, TYPE B, WITH TY 8 GRATE, 1 EACH (13.5' RT)
FLAT SLAB TOP (STD 602601)
TOP OF GRATE ELEV =
TRENCH BACKFILL = 19.2 CY

R STORM SEWERS, CLASS B, TYPE 1 18", 27'
USFL = 559.59
DSFL = 558.00 (+17.0 15.5' RT - OUTLET THROUGH ABUTMENT)



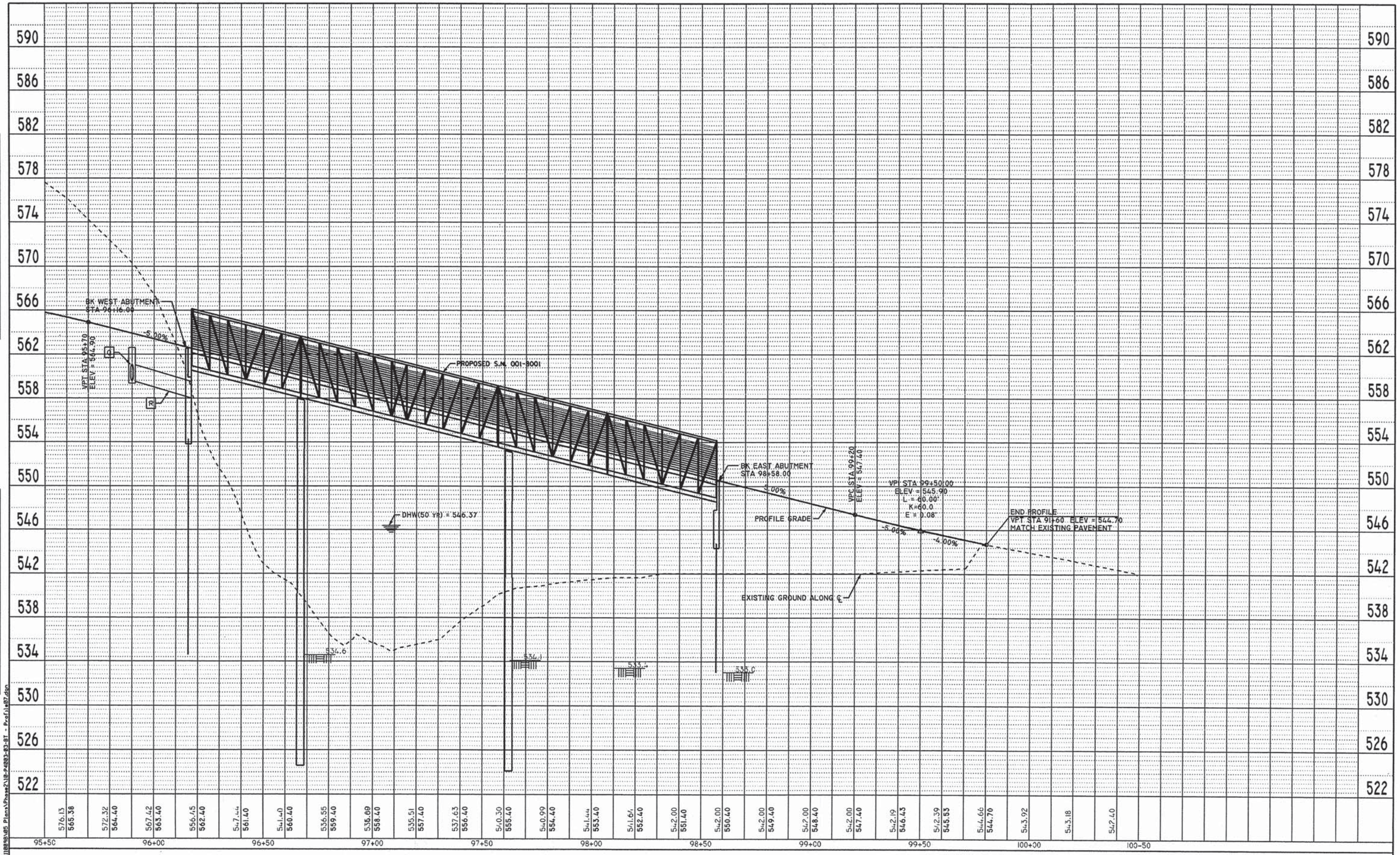
PLAN SHEET LAYOUT

N

40 0 40
GRAPHIC SCALE (IN FEET)

FILE NAME D:\Files\112898\05 Plans\Phase2\12-P4003-03-BT - Plan07.dgn

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = bgj	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	PLAN VIEW – STA 95+50 TO 101+50	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			10-P4003-03-BT	ADAMS	131	37
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 93630			
	PLOT DATE = 1/16/2015	DATE -	REVISED -		SCALE: 1"=20' / SHEET NO. 14 OF 15 SHEETS / STA. 95+50 TO STA. 101+50	ILLINOIS FED. AID PROJECT			



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GRADES CHECKED
STRUCTURE CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
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ALIGNMENT CHECKED
GRADES CHECKED
STRUCTURE CHECKED
NOTE BOOK
NO.
BY
DATE

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KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors

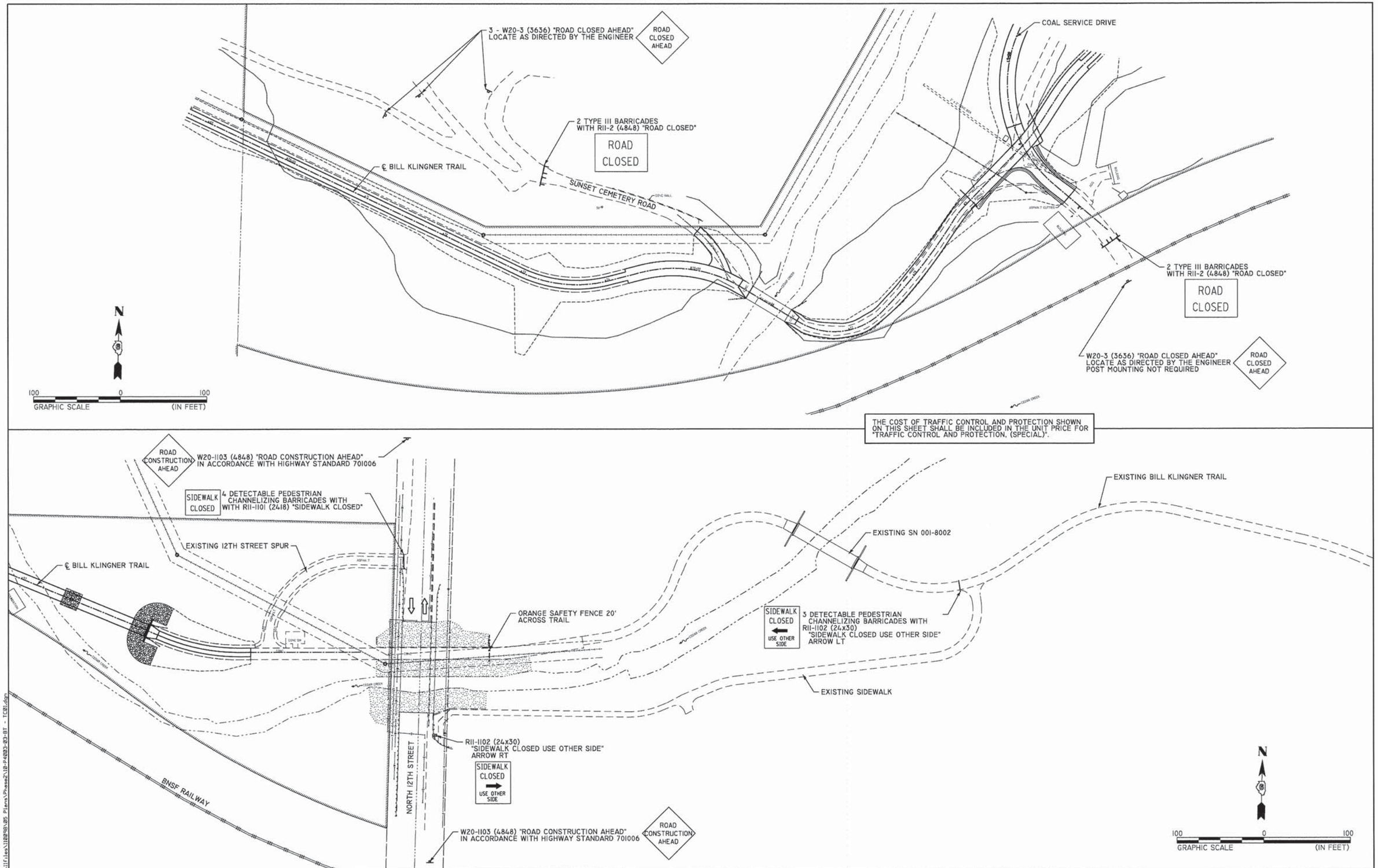
USER NAME = sab	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/26/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PROFILE VIEW – STA 95+50 TO 101+50
NO TURNAROUND ALTERNATIVE

SCALE: 1"=20' | SHEET NO. 15 OF 15 SHEETS | STA. 95+50 TO STA. 101+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	38
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = seb	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	TRAFFIC CONTROL AND PROTECTION TRAIL & ROADWAY CLOSURES
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 1/19/2015	DATE -	REVISED -		SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	39
CONTRACT NO. 93630			
ILLINOIS FED. AID PROJECT			

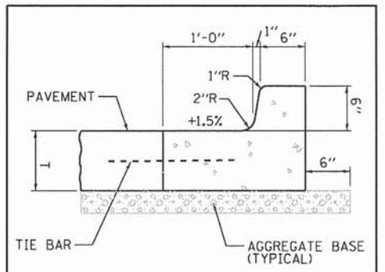
NORTH 5TH STREET			ELEVATION
A1	49+88.53	24.58' LT	539.64
A2	49+98.88	24.58' LT	539.49
A3	50+05.00	24.58' LT	538.42
A4	50+10.00	24.58' LT	539.38
A5	50+15.00	24.58' LT	539.37
A6	50+20.00	24.58' LT	538.38
A7	50+25.00	24.58' LT	539.42
A8	50+30.00	24.58' LT	539.48
A9	50+35.00	24.58' LT	539.56
A10	50+40.00	24.58' LT	539.63
A11	50+44.08	24.58' LT	539.70
A12	50+45.00	24.58' LT	539.71
A13	50+50.00	24.58' LT	539.78
A14	50+55.00	24.58' LT	539.86
A15	50+60.00	24.58' LT	539.93
A16	50+62.08	24.58' LT	539.96
A17	50+67.86	24.58' LT	540.05
A18	50+70.74	29.58' LT	540.15
A19	50+75.88	38.49' LT	540.22
A20	50+67.22	43.49' LT	540.28
A21	50+44.08	53.46' LT	540.13
A22	50+44.08	34.58' LT	539.85
A23	49+91.21	34.58' LT	539.71

PARKING LOT DRIVE			ELEVATION
D1	0+40.00	10.31' LT	539.80
D2	0+45.00	8.58' LT	539.94
D3	0+50.20	8.00' LT	540.08
D4	0+55.00	8.00' LT	540.23
D5	0+60.00	8.00' LT	540.38
D6	0+65.00	8.00' LT	540.52
D7	0+70.00	8.00' LT	540.66
D8	0+74.87	8.00' LT	540.80
D9	0+80.00	8.56' LT	540.97
D10	0+85.00	10.27' LT	541.16

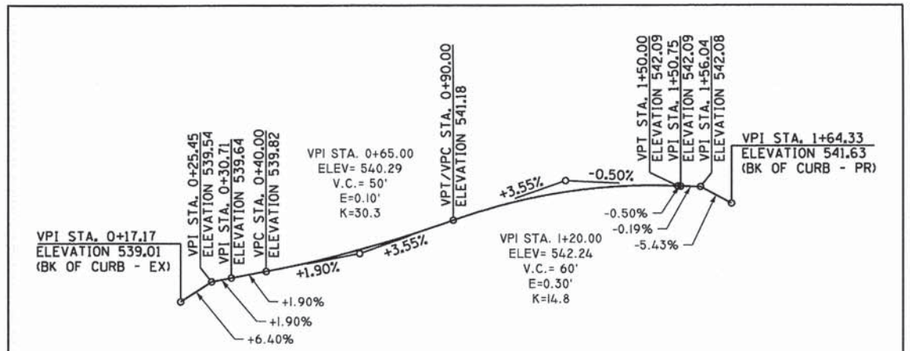
PARKING LOT DRIVE			ELEVATION	
B1	0+23.31	8.00' LT	539.44	
B2	0+28.09	8.05' LT	539.54	
B3	0+33.46	9.00' LT	539.62	
B4	0+38.41	11.13' LT	539.75	
B5	0+37.14	30.71' LT	539.86	*
B6	0+37.55	32.53' LT	539.87	*
B7	0+42.12	29.19' LT	540.04	
B8	0+43.26	28.61' LT	540.09	
B9	0+46.72	27.44' LT	540.22	
B10	0+50.20	27.05' LT	540.37	
B11	0+55.00	27.05' LT	540.52	
B12	0+60.00	27.05' LT	540.67	
B13	0+65.00	27.05' LT	540.81	
B14	0+70.00	27.05' LT	540.95	
B15	0+74.87	27.05' LT	541.09	
B16	0+78.31	27.43' LT	541.26	
B17	0+80.55	28.09' LT	541.38	
B18	0+90.58	13.87' LT	541.41	
B19	0+95.00	10.86' LT	541.51	
B20	1+00.00	8.85' LT	541.63	
B21	1+05.00	8.04' LT	541.76	
B22	1+06.29	8.00' LT	541.80	
B23	1+10.00	8.00' LT	541.90	
B24	1+15.00	8.00' LT	542.05	
B25	1+18.98	8.00' LT	542.13	
B26	1+20.00	8.00' LT	542.16	
B27	1+25.00	8.00' LT	542.26	
B28	1+30.00	8.00' LT	542.35	
B29	1+31.67	8.00' LT	542.37	
B30	1+35.00	8.00' LT	542.41	
B31	1+40.00	8.00' LT	542.46	
B32	1+43.45	8.00' LT	542.49	
B33	1+45.82	8.00' LT	542.50	
B34	1+50.00	8.00' LT	542.46	
B35	1+53.47	8.00' LT	542.43	
B36	1+58.19	8.00' LT	542.41	

* TRANSITION STANDARD GUTTER TO MODIFIED GUTTER.

PARKING LOT DRIVE			ELEVATION
C1	0+27.95	8.00' RT	539.66
C2	0+35.48	8.00' RT	539.78
C3	0+38.41	8.00' RT	539.82
C4	0+40.00	8.00' RT	539.84
C5	0+45.00	8.00' RT	539.90
C6	0+50.20	8.00' RT	539.98
C7	0+55.00	8.00' RT	540.05
C8	0+60.00	8.00' RT	540.14
C9	0+65.00	8.00' RT	540.28
C10	0+70.00	8.00' RT	540.42
C11	0+74.87	8.00' RT	540.56
C12	0+80.00	8.00' RT	540.72
C13	0+85.00	8.00' RT	540.89
C14	0+90.58	8.00' RT	541.08
C15	0+95.00	8.00' RT	541.23
C16	1+00.00	8.00' RT	541.38
C17	1+05.00	8.00' RT	541.52
C18	1+06.29	8.00' RT	541.54
C19	1+10.00	8.00' RT	541.60
C20	1+15.00	8.00' RT	541.67
C21	1+18.98	8.00' RT	541.71
C22	1+20.00	8.00' RT	541.72
C23	1+25.00	8.00' RT	541.76
C24	1+30.00	8.00' RT	541.77
C25	1+31.67	8.00' RT	541.77
C26	1+35.00	8.00' RT	541.77
C27	1+40.00	8.00' RT	541.76
C28	1+43.45	8.00' RT	541.73
C29	1+45.82	8.00' RT	541.72
C30	1+53.40	8.00' RT	541.74



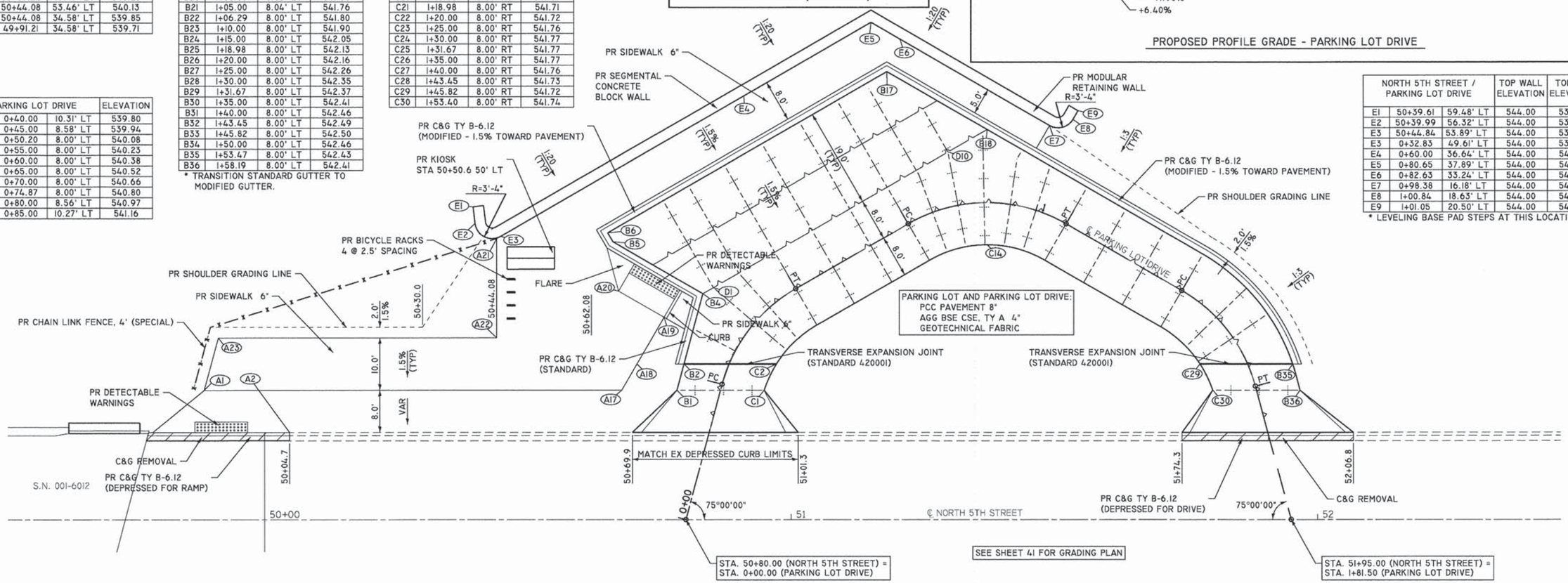
CURB & GUTTER DETAIL
TYPE B-6.12 (MODIFIED)



PROPOSED PROFILE GRADE - PARKING LOT DRIVE

NORTH 5TH STREET / PARKING LOT DRIVE			TOP WALL ELEVATION	TOP PAD ELEVATION	
E1	50+39.61	59.48' LT	544.00	539.33	
E2	50+39.99	56.32' LT	544.00	539.33	
E3	50+44.84	53.89' LT	544.00	539.33	
E3	0+32.83	49.61' LT	544.00	539.33	
E4	0+60.00	36.64' LT	544.00	540.00	*
E5	0+80.65	37.89' LT	544.00	540.00	
E6	0+82.63	33.24' LT	544.00	540.67	*
E7	0+98.38	16.18' LT	544.00	540.67	
E8	1+00.84	18.65' LT	544.00	540.67	
E9	1+01.05	20.50' LT	544.00	540.67	

* LEVELING BASE PAD STEPS AT THIS LOCATION.



SEE SHEET 41 FOR GRADING PLAN

PAVEMENT JOINT LEGEND

LONGITUDINAL CONSTRUCTION OR SAWED JOINT (STD 420001)

TRANSVERSE CONTRACTION JOINT (STD BLR 10-6)

NOTES:

1) COST OF TRANSVERSE EXPANSION JOINT INCLUDED WITH THE COST OF THE PCC PAVEMENT.

2) SAW CUTS TO EXTEND THROUGH CURB AND GUTTER.

3) JOINTS ARE FOR INFORMATION ONLY. CONTRACTOR TO PROVIDE A LAYOUT TO THE FIELD ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

PROP. CURVE PARK_1
PI STA. = 0+39.06 (STA. 50+90.11, 37.73' LT)
Δ= 45° 00' 00" (RT)
D = 190° 59' 09"
R = 30.00'
T = 12.43'
L = 23.56'
E = 2.47'
P.C. STA = 0+26.63 (STA. 50+86.89, 25.73' LT)
P.T. STA = 0+50.20 (STA. 51+00.87, 43.94' LT)

PROP. CURVE PARK_2
PI STA. = 0+92.19 (STA. 51+37.24, 64.94' LT)
Δ= 60° 00' 00" (RT)
D = 190° 59' 09"
R = 30.00'
T = 17.32'
L = 31.42'
E = 4.64'
P.C. STA = 0+74.87 (STA. 51+22.24, 56.28' LT)
P.T. STA = 1+06.29 (STA. 51+52.24, 56.28' LT)

PROP. CURVE PARK_1
PI STA. = 1+44.10 (STA. 51+84.99, 37.37' LT)
Δ= 45° 00' 00" (RT)
D = 190° 59' 09"
R = 30.00'
T = 12.43'
L = 23.56'
E = 2.47'
P.C. STA = 1+31.67 (STA. 51+74.22, 43.59' LT)
P.T. STA = 1+55.23 (STA. 51+88.20, 25.37' LT)

GRAPHIC SCALE 20 10 0 20 (IN FEET)

FILE NAME D:\IFiles\11828951\05 Plans\Phase2\10-P4003-03-BT - Parking Lot Plan.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors

USER NAME = seb	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/19/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

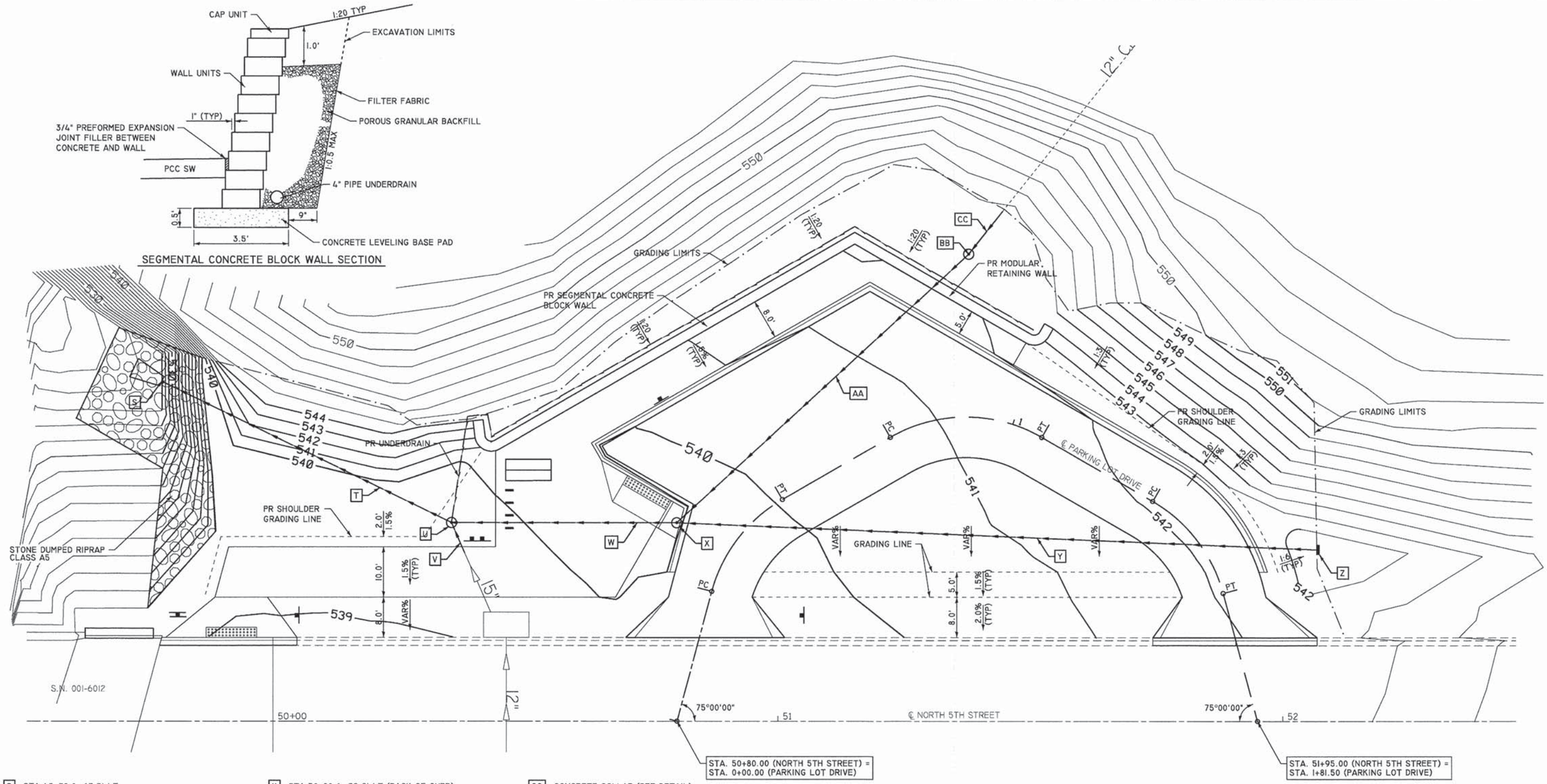
PARKING LOT PLAN

SCALE: 1"=10' | SHEET NO. OF SHEETS | STA. 62+00 TO STA. 63+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	40

CONTRACT NO. 93630

ILLINOIS FED. AID PROJECT



S – STA 49+78.0 67.3' LT
END SECTIONS 24", 1 EACH

T – STORM SEWERS, CLASS B, TYPE 2 24", 62'
USFL = 528.00
DSFL = 526.80

U – STA 50+35.4 39.3' LT
MH, TY A, 5'-DIAMETER, TY 1 FR, CLSD LID, FST, 1 EACH
TOP OF LID ELEV = 539.80
FL ELEV = 527.50
CONNECT UNDERDRAIN INTO MH

V – REMOVE END SECTION, 1 EACH
CONCRETE COLLAR (SEE DETAIL)
STORM SEWERS, CLASS B, TYPE 2 15", 6'
USFL = 532.10 (MATCH EX)
DSFL = 532.00
TRENCH BACKFILL = 4.3 CY

W – STORM SEWERS, CLASS B, TYPE 2 18", 40'
USFL = 532.50
DSFL = 531.50
TRENCH BACKFILL = 43.6 CY

X – STA 50+80.6 39.2' LT (BACK OF CURB)
MANHOLES, 6' DIA., TY 15 FR & LID, FST, 1 EACH
TOP OF CURB ELEV = 540.10
FL ELEV = 532.00

Y – STORM SEWERS, CLASS B, TYPE 2 18", 124'
USFL = 537.50
DSFL = 535.00
TRENCH BACKFILL = 31.4 CY

Z – STA 52+07.0 34.0' LT
INLETS, TYPE B, TYPE 8 GRATE, FST, 1 EACH
TOP OF GRATE ELEV = 540.85
FL ELEV = 537.00

AA – STORM SEWERS, CLASS B, TYPE 2 12", 76'
USFL = 537.50
DSFL = 536.50
TRENCH BACKFILL = 51.5 CY

BB – STA 51+37.8 92.5' LT
MANHOLES, 4' DIA., TY 1 FR, CLSD LID, FST, 1 EACH
TOP OF LID ELEV = 544.50
FL ELEV = 537.00

CC – CONCRETE COLLAR (SEE DETAIL)
STORM SEWERS, CLASS B, TYPE 1 12", 12'
USFL = 542.34 (MATCH EX)
DSFL = 541.00

PROP. CURVE PARK_1
PI STA. = 0+39.06 (STA. 50+90.11, 37.73' LT)
Δ= 45° 00' 00" (RT)
D = 190° 59' 09"
R = 30.00'
T = 12.43'
L = 23.56'
E = 2.47'
P.C. STA = 0+26.63 (STA. 50+86.89, 25.73' LT)
P.T. STA = 0+50.20 (STA. 51+00.87, 43.94' LT)

PROP. CURVE PARK_2
PI STA. = 0+92.19 (STA. 51+37.24, 64.94' LT)
Δ= 60° 00' 00" (RT)
D = 190° 59' 09"
R = 30.00'
T = 17.32'
L = 31.42'
E = 4.64'
P.C. STA = 0+74.87 (STA. 51+22.24, 56.28' LT)
P.T. STA = 1+06.29 (STA. 51+52.24, 56.28' LT)

PROP. CURVE PARK_1
PI STA. = 1+44.10 (STA. 51+84.99, 37.37' LT)
Δ= 45° 00' 00" (RT)
D = 190° 59' 09"
R = 30.00'
T = 12.43'
L = 23.56'
E = 2.47'
P.C. STA = 1+31.67 (STA. 51+74.22, 43.59' LT)
P.T. STA = 1+55.23 (STA. 51+88.20, 25.37' LT)

20 10 0 20
GRAPHIC SCALE (IN FEET)

FILE NAME D:\IFiles\11209\05 Plans\Phase2\10-P4003-03-BT - Parking Lot Grading Plan.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = seb	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/19/2015	DATE -	REVISED -	

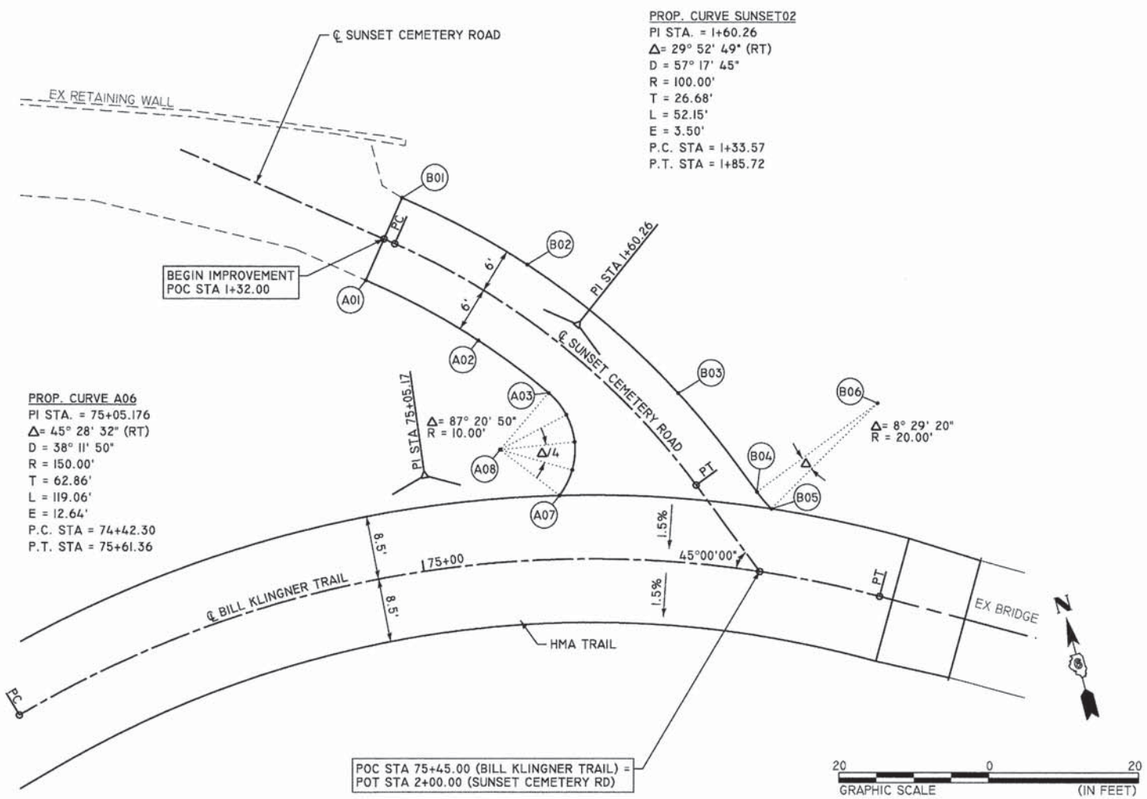
QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

PARKING LOT GRADING PLAN

SCALE: 1"=10' | SHEET NO. OF SHEETS | STA. 62+00 TO STA. 63+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	41
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

BILL KLINGNER TRAIL & SUNSET CEMETERY ROAD INTERSECTION



PAVEMENT ELEVATIONS

POINT	BILL KLINGNER TRAIL STATION	BILL KLINGNER TRAIL OFFSET	SUNSET CEMETERY ROAD STATION	SUNSET CEMETERY ROAD OFFSET	ELEVATION
A01	74+98.52	39.57' LT	1+32.00	6.00' RT	535.84*
A02	75+09.83	29.82' LT	1+50.00	6.00' RT	535.58
A03	75+17.47	22.27' LT	1+62.47	6.00' RT	535.51
A04	75+19.48	19.26' LT	1+66.46	6.64' RT	535.33
A05	75+20.42	15.62' LT	1+70.03	8.51' RT	535.15
A06	75+20.07	11.85' LT	1+72.76	11.39' RT	534.97
A07	75+18.41	8.50' LT	1+74.25	14.95' RT	534.79
A08	75+11.36	15.00' LT	1+62.47	16.00' RT	-

* - MATCH EXISTING

PAVEMENT ELEVATIONS

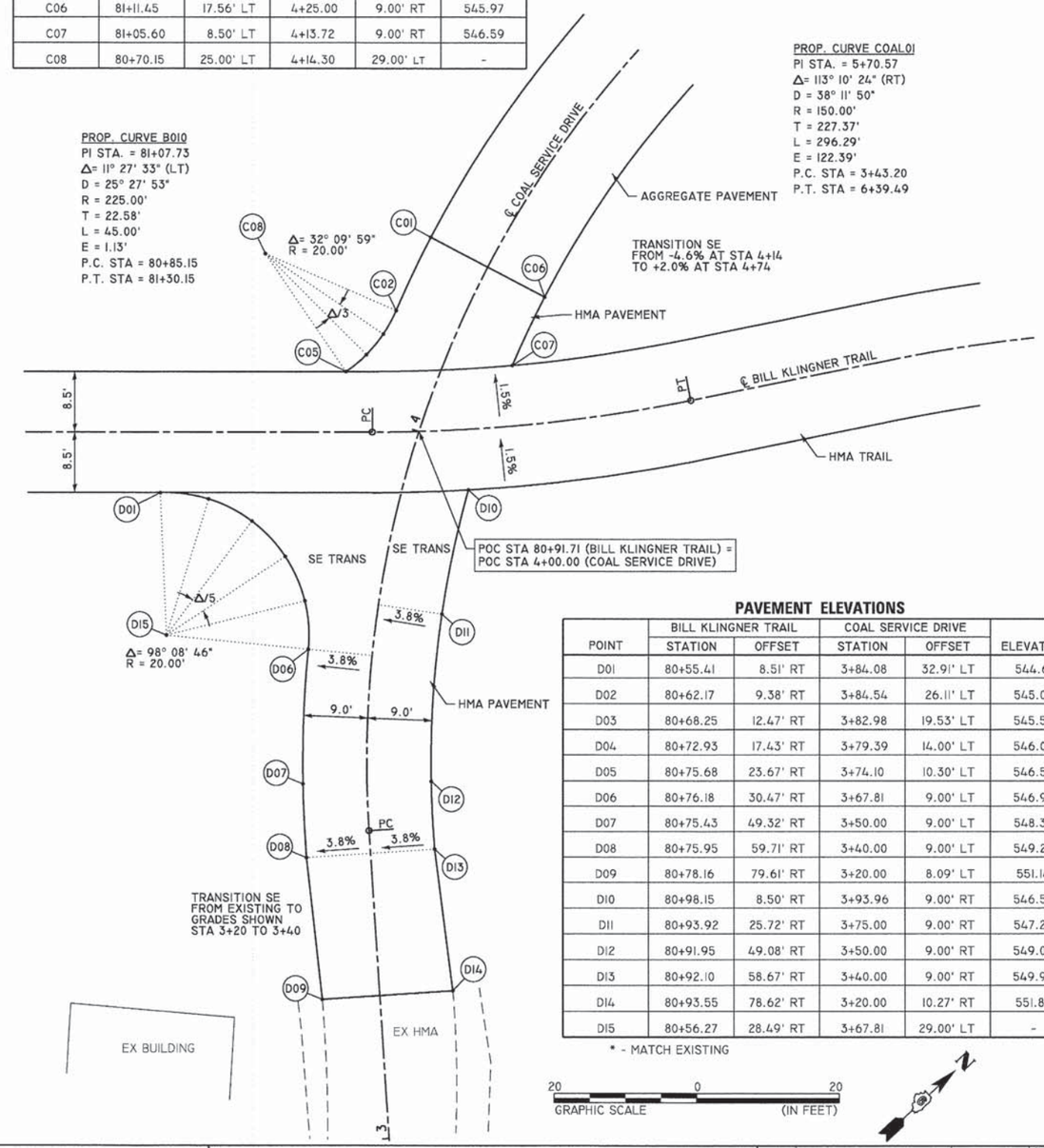
POINT	BILL KLINGNER TRAIL STATION	BILL KLINGNER TRAIL OFFSET	SUNSET CEMETERY ROAD STATION	SUNSET CEMETERY ROAD OFFSET	ELEVATION
B01	75+03.41	49.75' LT	1+32.00	6.00' LT	535.81*
B02	75+15.68	39.42' LT	1+50.00	6.00' LT	535.82
B03	75+32.55	22.52' LT	1+75.00	6.00' LT	535.60
B04	75+43.18	10.44' LT	1+91.25	6.00' LT	535.62
B05	75+45.28	8.50' LT	1+94.20	6.22' LT	535.60
B06	75+55.46	25.00' LT	1+91.25	26.00' LT	-

* - MATCH EXISTING

BILL KLINGNER TRAIL & COAL SERVICE DRIVE INTERSECTION

PAVEMENT ELEVATIONS

POINT	BILL KLINGNER TRAIL STATION	BILL KLINGNER TRAIL OFFSET	COAL SERVICE DRIVE STATION	COAL SERVICE DRIVE OFFSET	ELEVATION
C01	80+94.50	27.11' LT	4+25.00	9.00' LT	545.35
C02	80+88.78	17.02' LT	4+14.30	9.00' LT	545.57
C03	80+86.80	13.77' LT	4+10.80	9.39' LT	545.45
C04	80+84.32	10.89' LT	4+07.47	10.55' LT	545.40
C05	80+81.45	8.50' LT	4+04.46	12.42' LT	545.52
C06	81+11.45	17.56' LT	4+25.00	9.00' RT	545.97
C07	81+05.60	8.50' LT	4+13.72	9.00' RT	546.59
C08	80+70.15	25.00' LT	4+14.30	29.00' LT	-



PAVEMENT ELEVATIONS

POINT	BILL KLINGNER TRAIL STATION	BILL KLINGNER TRAIL OFFSET	COAL SERVICE DRIVE STATION	COAL SERVICE DRIVE OFFSET	ELEVATION
D01	80+55.41	8.51' RT	3+84.08	32.91' LT	544.61
D02	80+62.17	9.38' RT	3+84.54	26.11' LT	545.08
D03	80+68.25	12.47' RT	3+82.98	19.53' LT	545.55
D04	80+72.93	17.43' RT	3+79.39	14.00' LT	546.03
D05	80+75.68	23.67' RT	3+74.10	10.30' LT	546.50
D06	80+76.18	30.47' RT	3+67.81	9.00' LT	546.97
D07	80+75.43	49.32' RT	3+50.00	9.00' LT	548.37
D08	80+75.95	59.71' RT	3+40.00	9.00' LT	549.28
D09	80+78.16	79.61' RT	3+20.00	8.09' LT	551.14*
D10	80+98.15	8.50' RT	3+93.96	9.00' RT	546.52
D11	80+93.92	25.72' RT	3+75.00	9.00' RT	547.20
D12	80+91.95	49.08' RT	3+50.00	9.00' RT	549.06
D13	80+92.10	58.67' RT	3+40.00	9.00' RT	549.96
D14	80+93.55	78.62' RT	3+20.00	10.27' RT	551.83*
D15	80+56.27	28.49' RT	3+67.81	29.00' LT	-

* - MATCH EXISTING

20 0 20
GRAPHIC SCALE (IN FEET)

FILE NAME Q:\Files\112098\05 Plans\Phase2\10-P4003-03-BT - GeomDet01.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

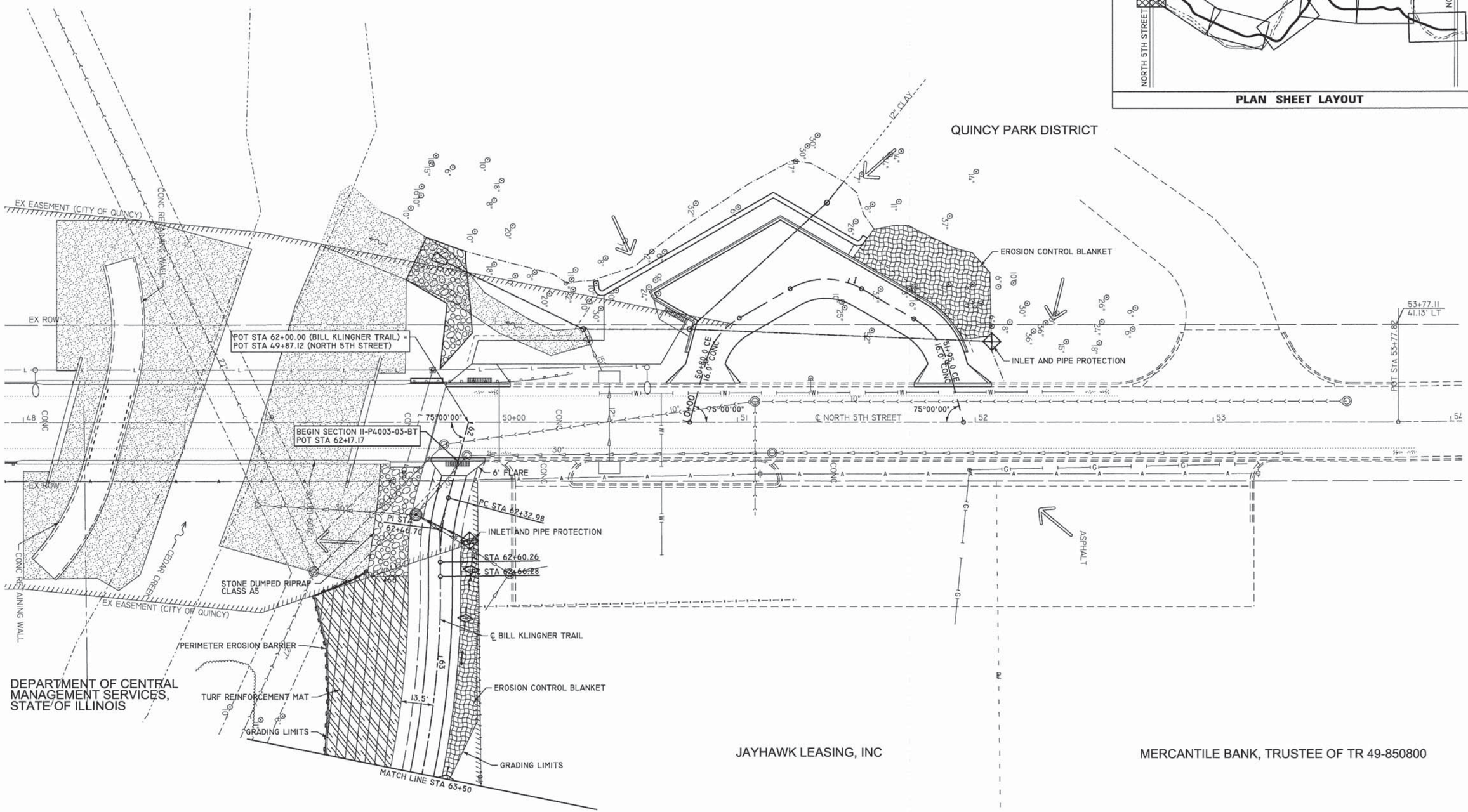
USER NAME = bgj	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/16/2015	DATE -	REVISED -	

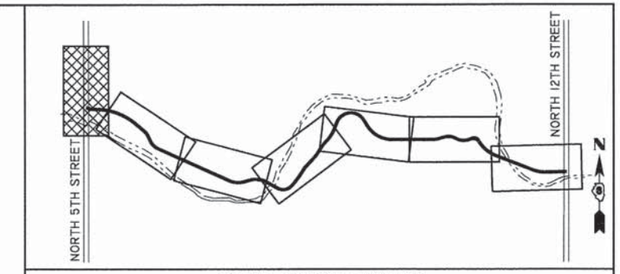
QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

GEOMETRIC DETAILS
SUNSET CEMETERY ROAD & COAL SERVICE DRIVE INTERSECTIONS

SCALE: 1"=10' | SHEET NO. OF SHEETS | STA. 69+50 TO STA. 75+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	42
CONTRACT NO. 93630			
ILLINOIS FED. AID PROJECT			

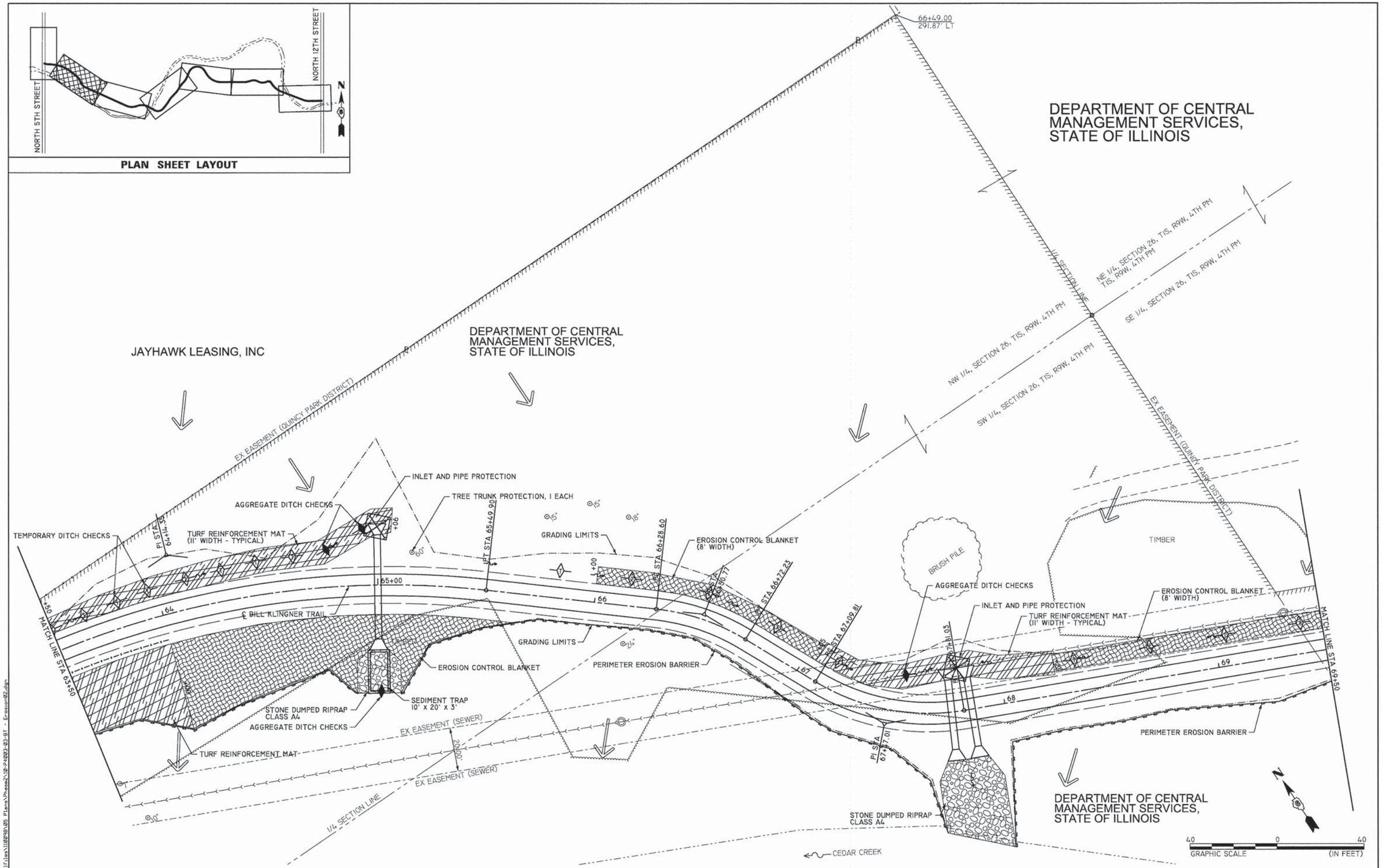




PLAN SHEET LAYOUT

FILE NAME D:\IFiles\112098\05 Plans\Phase2\10-P4003-03-BT - Erosion01.dgn

KLINGNER & ASSOCIATES, P.C. Engineers · Architects · Surveyors	USER NAME = bgj	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	STORMWATER POLLUTION PREVENTION PLAN STA 62+00 TO 63+50	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			10-P4003-03-BT	ADAMS	131 / 43
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 93630	
	PLOT DATE = 1/16/2015	DATE -	REVISED -		SCALE: 1"=20' / SHEET NO. 1 OF 7 SHEETS / STA. 62+00 TO STA. 63+50		ILLINOIS FED. AID PROJECT	



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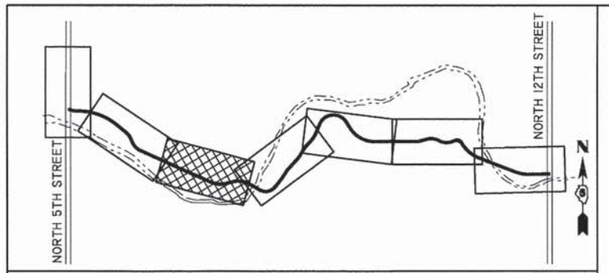
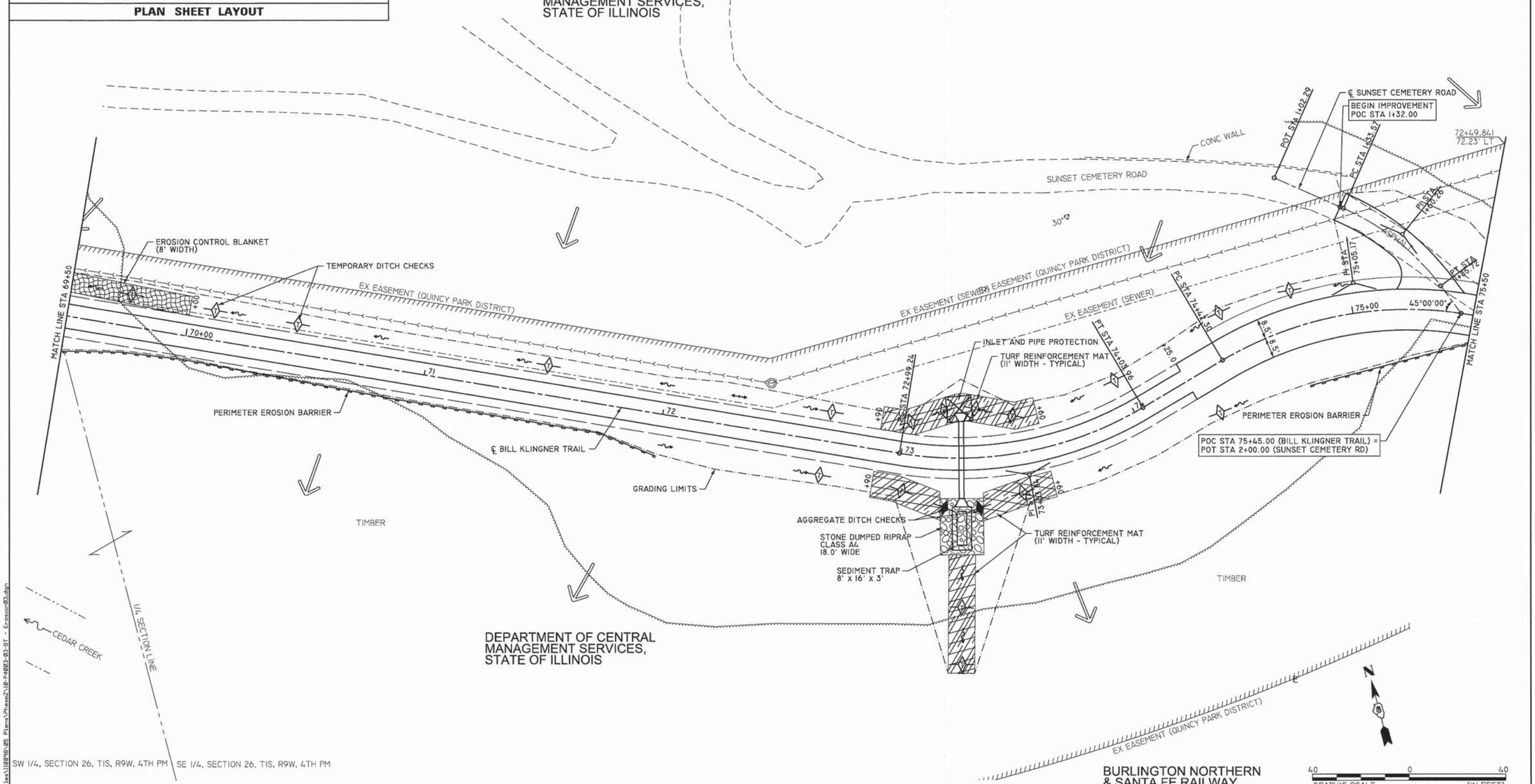
KLINGNER & ASSOCIATES, P.C. Engineers · Architects · Surveyors	USER NAME = bgj	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	STORMWATER POLLUTION PREVENTION PLAN STA 63+50 TO 69+50	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			10-P4003-03-BT	ADAMS	131 / 44
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 93630	
	PLOT DATE = 1/16/2015	DATE -	REVISED -		SCALE: 1"=20' / SHEET NO. 2 OF 7 SHEETS / STA. 63+50 TO STA. 69+50		ILLINOIS FED. AID PROJECT	



PLAN SHEET LAYOUT



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = bgj	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	STORMWATER POLLUTION PREVENTION PLAN STA 69+50 TO 75+50
		DRAWN -	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 1/16/2015	DATE -	REVISED -		SCALE: 1"=20' SHEET NO. 3 OF 7 SHEETS STA. 69+50 TO STA. 75+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	45
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

SE 1/4, SECTION 26, T1S, R9W, 4TH PM

NE 1/4, SECTION 26, T1S, R9W, 4TH PM

EX EASEMENT (SEWER)

EX EASEMENT (QUINCY PARK DISTRICT)

20.00'

EX EASEMENT (SEWER)

PI STA 5+10.37

MATCH LINE STA 75+50

PT STA 75+61.36

CONC

EX BRIDGE

CEDAR CREEK

CONC

PC STA 76+40.14

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES, STATE OF ILLINOIS

TIMBER

SEDIMENT TRAP 6' x 12' x 3'

STONE DUMPED RIPRAP CLASS A4 16.0' WIDE

AGGREGATE DITCH CHECK

GRADING LIMITS

PERIMETER EROSION BARRIER

PC STA 6+39.49

EROSION CONTROL BLANKET

℄ COAL SERVICE DRIVE

2' X 2' CONC BOX

POC STA 80+91.71 (BILL KLINGNER TRAIL) = POC STA 4+00.00 (COAL SERVICE DRIVE)

TURF REINFORCEMENT MAT 11.0' WIDTH

INLET AND PIPE PROTECTION

PCC STA 77+44.45

PRC STA 78+78.44

PI STA 78+89.02

PC STA 78+96.53

PERIMETER EROSION BARRIER

ASPHALT GUTTER

79+80+00

ASPHALT

℄ BILL KLINGNER TRAIL

MATCH LINE STA 83+50

PI STA 77+01.82

SUNSET CEMETERY ROAD

PI STA 78+11.69

GRADING LIMITS

STATION EQUATION POT STA 79+03.84 BK = POT STA 80+00.00 AH

EX EASEMENT (QUINCY PARK DISTRICT)

TIMBER

BURLINGTON NORTHERN & SANTA FE RAILWAY

CONC

2' X 2' CONC BOX

PC STA 81+69.79

INLET AND PIPE PROTECTION

TURF REINFORCEMENT MAT

TEMPORARY DITCH CHECKS

GRADING LIMITS

INLET AND PIPE PROTECTION

TIMBER

PC STA 3+43.20

ASPHALT GUTTER

BUILDING

AGG

BEGIN IMPROVEMENT POT STA 3+25.00

BUILDING

POT STA 2+61.39

NORTH 5TH STREET

NORTH 12TH STREET

N

PLAN SHEET LAYOUT

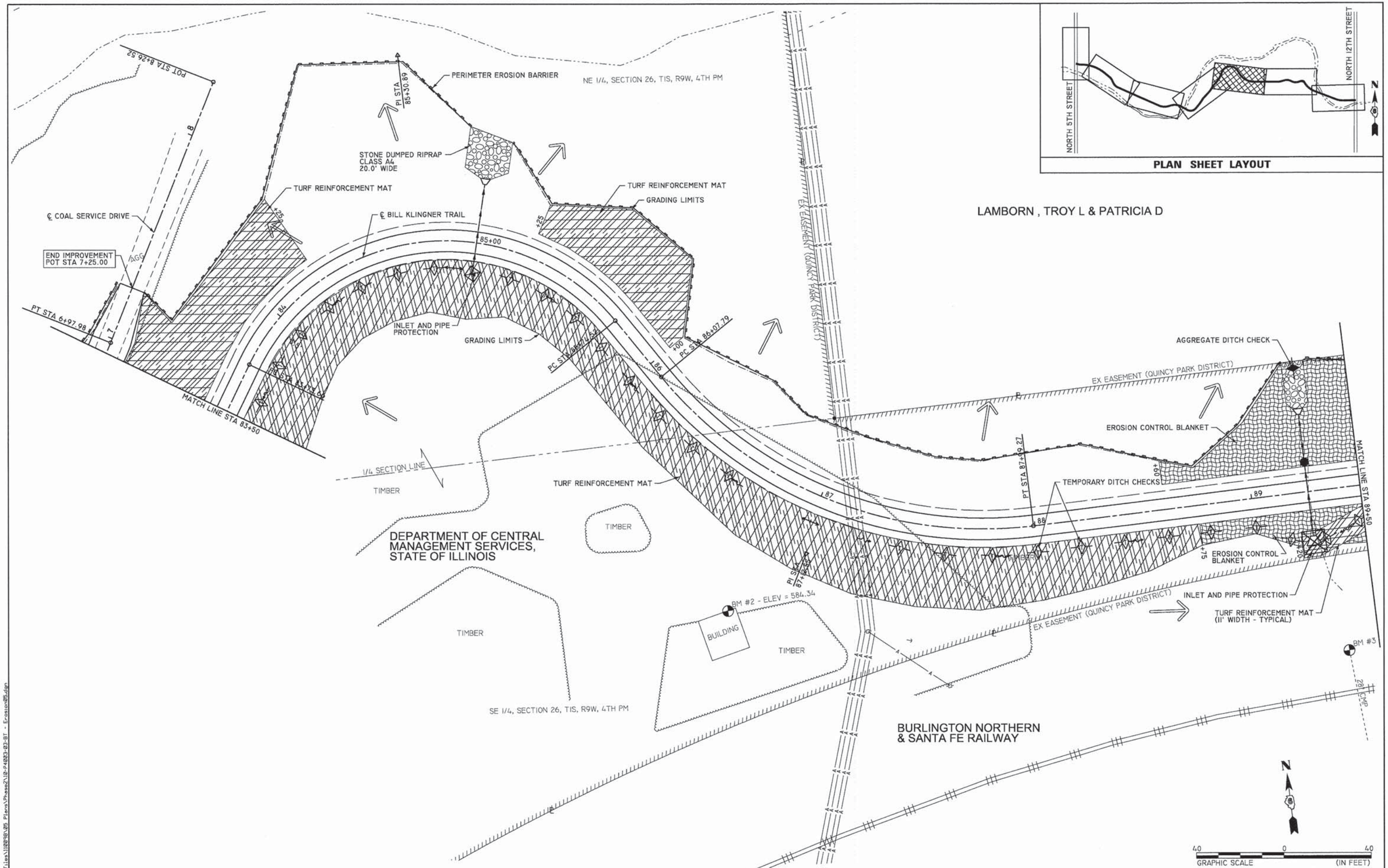
N

40 0 40

GRAPHIC SCALE (IN FEET)

FILE NAME D:\Files\11028198\05 Plans\Phase2\10-P4003-03-BT - Erosion04.dgn

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = bgj	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	STORMWATER POLLUTION PREVENTION PLAN STA 75+50 TO 83+50			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					10-P4003-03-BT	ADAMS	131	46
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 93630		
	PLOT DATE = 1/16/2015	DATE -	REVISED -		SCALE: 1"=20'	SHEET NO. 4 OF 7 SHEETS	STA. 75+50 TO STA. 83+50		ILLINOIS FED. AID PROJECT		



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = bgj	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	STORMWATER POLLUTION PREVENTION PLAN STA 83+50 TO 89+50
		DRAWN -	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 1/16/2015	DATE -	REVISED -		SCALE: 1"=20' SHEET NO. 5 OF 7 SHEETS STA. 83+50 TO STA. 89+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	47
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

LAMBORN , TROY L & PATRICIA D

HUTMACHER , LAWRENCE J, TR

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES, STATE OF ILLINOIS

EX EASEMENT (QUINCY PARK DISTRICT)

EROSION CONTROL BLANKET

TEMPORARY DITCH CHECKS

SEDIMENT TRAP 10' x 20' x 3'

STONE DUMPED RIPRAP CLASS A4 21.0' WIDE (15'x15' POOL)

PERIMETER EROSION BARRIER

EROSION CONTROL BLANKET

GRADING LIMITS

PC STA 91+53.83

PT STA 90+77.44

PT STA 91+03.62

PT STA 90+00.00

PT STA 93+24.50

PT STA 93+49.69

PT STA 95+24.50

PERIMETER EROSION BARRIER

MATCH LINE STA 89+50

90+00 ℄ BILL KLINGNER TRAIL

TURF REINFORCEMENT MAT (11' WIDTH - TYPICAL)

EX EASEMENT (QUINCY PARK DISTRICT)

TIMBER

TURF REINFORCEMENT MAT

TURF REINFORCEMENT MAT (11' WIDTH - TYPICAL)

TEMPORARY DITCH CHECKS

INLET AND PIPE PROTECTION

GRADING LIMITS

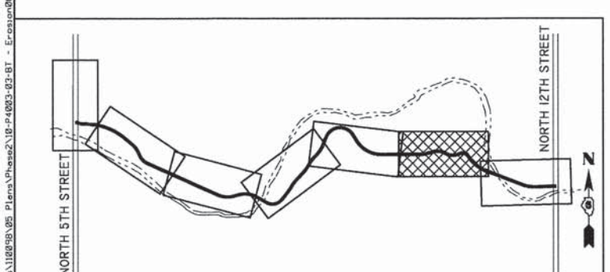
EROSION CONTROL BLANKET

TURF REINFORCEMENT MAT

MATCH LINE STA 95+50

ELEV = 563.60

BURLINGTON NORTHERN & SANTA FE RAILWAY



PLAN SHEET LAYOUT

N

40 0 40

GRAPHIC SCALE (IN FEET)

FILE NAME Q:\lfiles\110898\05 Plans\Phase2\10-P4003-03-BT - Erosion06.dgn

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = bgj	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	STORMWATER POLLUTION PREVENTION PLAN STA 89+50 TO 95+50	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			10-P4003-03-BT	ADAMS	131 / 48
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 93630	
	PLOT DATE = 1/16/2015	DATE -	REVISED -		SCALE: 1"=20' / SHEET NO. 6 OF 7 SHEETS / STA. 89+50 TO STA. 95+50		ILLINOIS FED. AID PROJECT	

CEDAR CREEK MANAGEMENT SOLUTIONS, INC

UNMISIG , KIRK T

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES, STATE OF ILLINOIS

EX EASEMENT (QUINCY PARK DISTRICT)

EROSION CONTROL BLANKET

TEMPORARY DITCH CHECKS

INLET AND PIPE PROTECTION

MATCH LINE STA 95+50

PT STA 96+14.42

PERIMETER EROSION BARRIER

STONE RIPRAP, CLASS A4

PROPOSED PREFABRICATED BRIDGE STRUCTURE SN 001-8001

GRADING LIMITS

TURF REINFORCEMENT MAT

TIMBER

FOUNDATION

STONE RIPRAP, CLASS A4

STABILIZED CONSTRUCTION ENTRANCE

ASPHALT

EX ROW

EX EASEMENT (QUINCY PARK DISTRICT)

NORTH 12TH STREET

GRADING LIMITS

PERIMETER EROSION BARRIER

PROPOSED PATH

B.B.L. KLINGNER TRAIL

STA 99+66.50

ASPHALT

AGG

CONC SW

POT STA 101+07.76

CONC

STONE RIPRAP, CLASS A4

EX EASEMENT (QUINCY PARK DISTRICT)

CEDAR CREEK

END IMPROVEMENT POT STA 99+80.00

PERIMETER EROSION BARRIER

EROSION CONTROL BLANKET

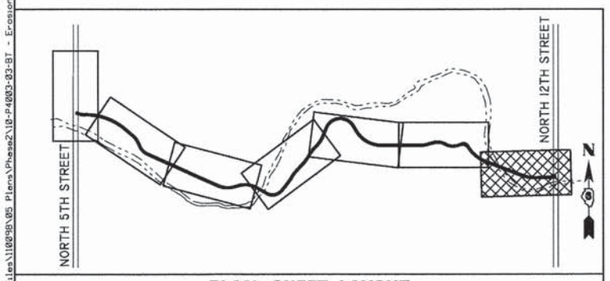
BURLINGTON NORTHERN & SANTA FE RAILWAY

CEDAR CREEK

N

40 0 40

GRAPHIC SCALE (IN FEET)



PLAN SHEET LAYOUT

FILE NAME D:\IFiles\110298\05 Plans\Phase2\10-P4003-03-BT - Erosion07.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

USER NAME = bgj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2015	DATE -	REVISED -

QUINCY PARK DISTRICT
BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.

STORMWATER POLLUTION PREVENTION PLAN
STA 95+50 TO 101+50

SCALE: 1"=20' | SHEET NO. 7 OF 7 SHEETS | STA. 95+50 TO STA. 101+50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-P4003-03-BT	ADAMS	131	49
	CONTRACT NO. 93630		
	ILLINOIS FED. AID PROJECT		

SIGNAGE LEGEND

1 — STA 47+10 20.0' RT (NORTH 5TH ST)
W11-15 (36"x36") - "BICYCLE / PEDESTRIAN WARNING SIGN" - FACING SOUTH
W11-15P (24"x18") - "TRAIL CROSSING" - FACING SOUTH

2 — STA 48+10 20.0' RT (NORTH 5TH ST)
D11-1 (24"x18") - "BICYCLE ROUTE" - FACING SOUTH
M6-1 (12"x9") - "ARROW RT" - FACING SOUTH

3 — STA 49+68 20.0' RT (NORTH 5TH ST)
W11-15 (36"x36") - "BICYCLE / PEDESTRIAN WARNING SIGN" - FACING SOUTH
W16-7P (24"x12") - "DIAGONAL ARROW" - FACING SOUTH

4 — STA 50+05 20.0' LT (NORTH 5TH ST)
W11-15 (36"x36") - "BICYCLE / PEDESTRIAN WARNING SIGN" - FACING NORTH
W16-7P (24"x12") - "DIAGONAL ARROW" - FACING NORTH

5 — STA 51+05 20.0' LT (NORTH 5TH ST)
D11-1 (24"x18") - "BICYCLE ROUTE" - FACING NORTH
M6-1 (12"x9") - "ARROW LT" - FACING NORTH

6 — STA 52+05 20.0' LT (NORTH 5TH ST)
W11-15 (36"x36") - "BICYCLE / PEDESTRIAN WARNING SIGN" - FACING NORTH
W11-15P (24"x18") - "TRAIL CROSSING" - FACING NORTH

7 — STA 50+75.1 63.3' LT (NORTH 5TH ST)
R7-8 (12"x18") - "HANDICAPPED PARKING" - FACING EAST
R7-1 (12"x16") - "$250 FINE" - FACING EAST

8 — STA 50+40 36.0' LT (NORTH 5TH ST)
RECREATION SIGN 1 (70"x36") - FACING EAST
RECREATION SIGN 2 (70"x12") - FACING EAST
SEE DETAIL ON SHEET 72

9 — STA 49+81 21.0' LT (NORTH 5TH ST)
R1-1 (24"x24") - "STOP" - FACING WEST
R5-3 (24"x24") - "NO MOTOR VEHICLES" - FACING EAST

10 — STA 62+20 10.5' RT
R1-1 (24"x24") - "STOP" - FACING EAST
W4-4P (30"x18") - "CROSS TRAFFIC DOES NOT STOP" - FACING EAST

11 — STA 62+26 10.5' LT
R5-3 (24"x24") - "NO MOTOR VEHICLES" - FACING WEST

12 — STA 62+70 10.5' RT
W3-1 (18"x18") - "STOP AHEAD" - FACING EAST

PAVEMENT MARKING LEGEND

A — PAINT PAVEMENT MARKING - LINE 4"
SOLID, YELLOW

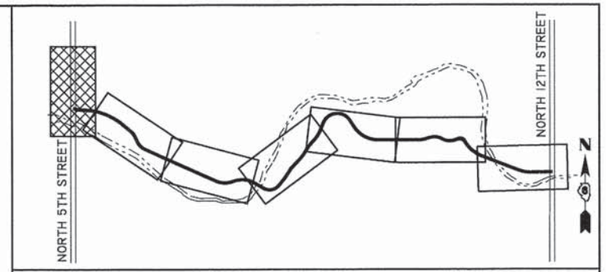
B — PAINT PAVEMENT MARKING - LINE 8"
SOLID, YELLOW AT 3' SPACING

C — PAINT PAVEMENT MARKING - LINE 12"
SOLID, WHITE, 10' LENGTH @ 3' SPACING C-C

D — PAINT PAVEMENT MARKING - LINE 24"
SOLID, WHITE

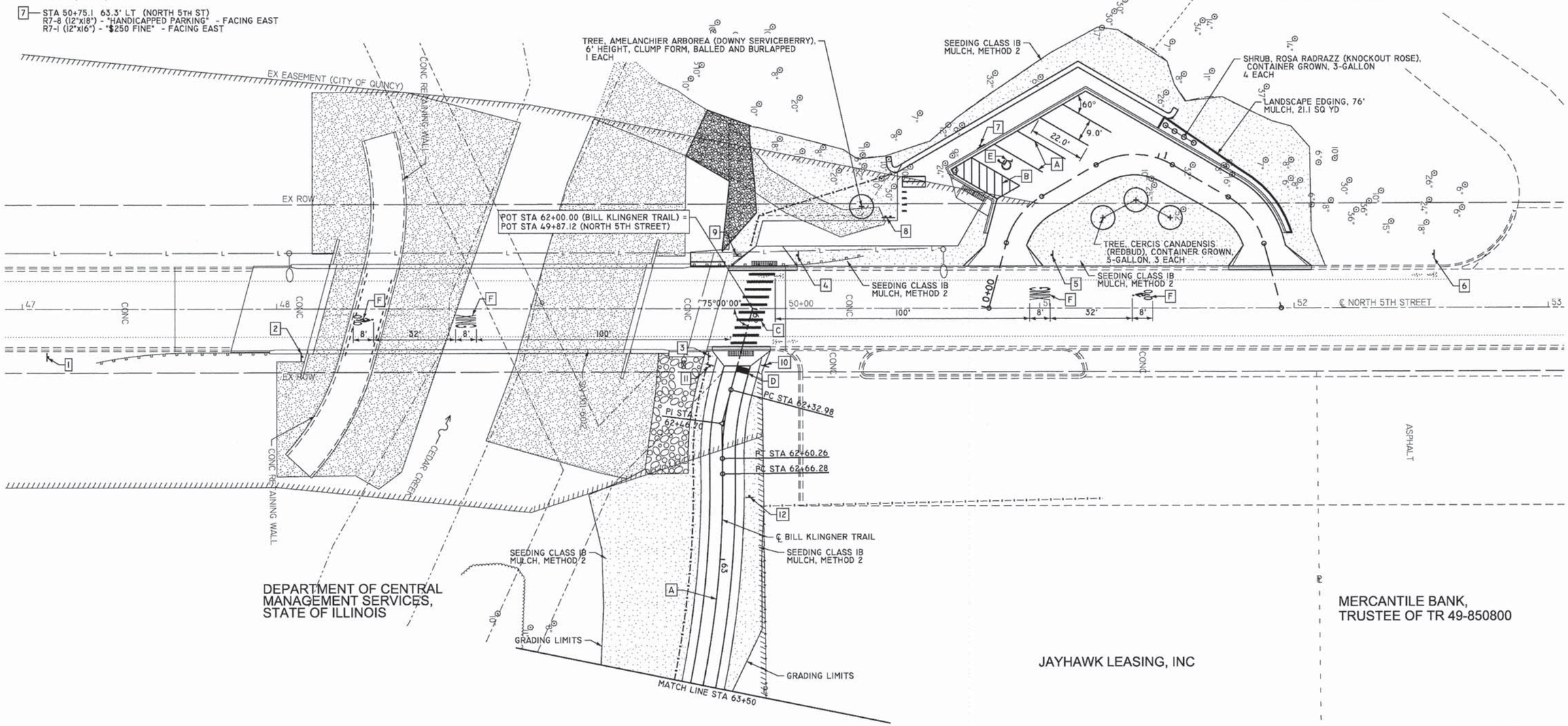
E — PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
YELLOW

F — PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
WHITE



PLAN SHEET LAYOUT

QUINCY PARK DISTRICT



FILE NAME Q:\Files\10098\05 Plans\Phase2\10-P4003-03-BT - LS501.dgn

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors	USER NAME = seb	DESIGNED -	REVISED -	QUINCY PARK DISTRICT BILL KLINGNER TRAIL – 5TH ST. TO 12TH ST.	LANDSCAPING, SIGNAGE, AND STRIPING PLAN STA 62+00 TO 63+50		SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -				10-P4003-03-BT	ADAMS	131 / 50
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 93630	
	PLOT DATE = 1/19/2015	DATE -	REVISED -		SCALE: 1"=20'	SHEET NO. 1 OF 7 SHEETS	STA. 62+00 TO STA. 63+50	ILLINOIS FED. AID PROJECT	