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HIGHWAY STANDARDS

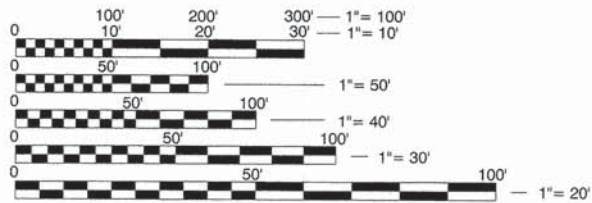
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- 878001-09 CONCRETE FOUNDATION DETAILS
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DESIGN DESIGNATIONS

HAMPSHIRE STREET: LOCAL URBAN STREET
 ADT = <400
 DESIGN SPEED: 30MPH
 RIVERFRONT TRAIL: MULTI-USE PATH
 DESIGN SPEED: 20MPH

PROJECT DESCRIPTION

PROJECT CONSISTS OF PAVEMENT REMOVAL AND REPLACING WITH PCC PAVEMENT ON HAMPSHIRE STREET, PCC PAVEMENT PARKING LOT, HOT-MIX ASPHALT BICYCLE / PEDESTRIAN TRAIL, AGGREGATE BASE COURSE, CONCRETE SIDEWALK, CONCRETE CURB AND GUTTER, SIGNING, STRIPING, LIGHTING, STORM SEWERS, 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

CONTRACT No. 93602

09-20-13 LETTING ITEM 064

MULTI-USE TRAIL IMPROVEMENTS

ON

CITY OF QUINCY

RIVERFRONT CONNECTOR CORRIDOR

ADAMS COUNTY, ILLINOIS

JOB NUMBER C-96-273-10

SECTION 10-00315-00-BT

PROJECT TE-00D6(115)

SURFACE TRANSPORTATION / ENHANCEMENT PROGRAM



LOCATION MAP

HAMPSHIRE STREET = 55.87 FT = 0.011 MILES
 PARKING LOT = 289.20 FT = 0.055 MILES
 RIVERFRONT TRAIL = 875.33 FT = 0.166 MILES
 LENGTH OF SECTION (10-00315-00-BT) = 1,220.40 FT = 0.231 MILES



DAVID C. DUKE
 REGISTERED LANDSCAPE ARCHITECT
 STATE OF ILLINOIS NO. 157-000953
 LICENSE EXPIRES: 08/31/13

DATE 5-7-13



ERIC B. BARNES
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS NO. 062-052141
 LICENSE EXPIRES NOVEMBER 30, 2013

DATE 5-7-13

PLANS PREPARED BY:
KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors

616 North 24th Street, Quincy, IL Ph (217) 223-3570 • Fax (217) 223-3583
 4510 Paris Gravel Road, Hannibal, MO Ph (573) 221-8020 • Fax (573) 221-8012
 618 N. 4th Street, Suite 100, Burlington, IA Ph (319) 753-1636 • Fax (319) 752-3685
 49 North Prairie Street, Colesburg, IL Ph (309) 342-4842 • Fax (309) 341-3781
 Internet Address: www.klingner.com

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-00315-00-BT		ADAMS	69	1

93602



LOCATION OF SECTION INDICATED THIS: - [black rectangle]

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED May 7th 2013
Z. E. A. Moore
 CITY OF QUINCY, MAYOR AND/OR CITY ENGINEER

PASSED May 20, 2013
Terrance H. Fountain
 DISTRICT 6 ENGINEER OF LOCAL ROADS AND STREETS

PASSED May 20, 2013
Ron Dehamban
 DISTRICT 6 CONSTRUCTION ENGINEER

RELEASED FOR BID May 20, 2013
 BASED ON LIMITED REVIEW
Roger L. Driskell
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 4 ENGINEER

GENERAL NOTES

1. THE SUMMARY OF QUANTITIES AND THE SCHEDULE OF QUANTITIES INCLUDE ITEMS FOR THE CONSTRUCTION OF ADDITIONAL PARKING LOT AREAS. THESE ITEMS/LOCATIONS ARE SHOWN/DETAILED IN THE PLANS AND ARE LABELED AS ALTERNATE. ALTERNATE ITEMS SHALL ONLY BE INCLUDED IN THE CONTRACT AS DIRECTED BY THE ENGINEER AT THE PRE-CONSTRUCTION MEETING.
2. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
3. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
4. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.

KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:

AMEREN - DIVISION 2 700 JERSEY STREET QUINCY, IL 62301 MR. ANTHONY E. SASSEN 217-257-7604 GAS	AMEREN CIPS 700 JERSEY STREET QUINCY, IL 62301 MR. LARRY WATSON 217-257-3963 ELECTRIC	CITY OF QUINCY 730 MAINE STREET QUINCY, IL 62301 MR. DAVID KENT 217-228-4555 WATER/SEWER
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7. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
9. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
10. ANY EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF WORK AT NO ADDITIONAL COST TO THE DEPARTMENT.
11. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
12. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	
MIXTURE USE(S):	HMA SURF CSE
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5L
FRICTION AGGREGATE	MIX "C"

GENERAL NOTES

12. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.
13. PROPOSED SIGN POSTS WITHIN PAVED AREAS SHALL BE INSTALLED UTILIZING A GROUND SLEEVE (I.E. PVC PIPE, ETC.).

RATES OF APPLICATION TABLE

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON / CU YD
STONE DUMPED RIPRAP	1.50 TON / CU YD
HOT-MIX ASPHALT:	
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON / SQ YD (on pavement)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON / SQ YD (on aggregate)
AGGREGATE PRIME COAT	0.002 TON / SQ YD
SURFACE / BINDER (112 lbs)	0.056 TON / SQ YD • IN
SEEDING:	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2.0 TON / ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS / ACRE PER APPLICATION

COMMITMENTS

1. NONE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				ITEP - PARTICIPATION FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	NON-PARTICIPATING ROADWAY NEW CONSTRUCTION 0028
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	88	64	24
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18		18
* 20200100	EARTH EXCAVATION	CU YD	459	213	246 (21)
20400800	FURNISHED EXCAVATION	CU YD	275	12	263 (35)
20800150	TRENCH BACKFILL	CU YD	9	9	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2403	1006	1397 (334)
① 25000115	SEEDING, CLASS 1B	ACRE	0.5	0.5	
① 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45	
① 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45	45	
① 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45	
① 25000700	AGRICULTURAL GROUND LIMESTONE	TON	1	1	
① 25100125	MULCH, METHOD 3	ACRE	0.5	0.5	
① 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	5		5 (5)
① 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100	

* SPECIAL PROVISION

① SPECIALTY ITEM

(ALTERNATE QUANTITIES)
INCLUDED IN TOTALS

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				ITEP - PARTICIPATION FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	NON-PARTICIPATING ROADWAY NEW CONSTRUCTION 0028
28000400	PERIMETER EROSION BARRIER	FOOT	970	970	
28000500	INLET AND PIPE PROTECTION	EACH	1	1	
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	1668	271	1397 (334)
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	735	735	
40200710	AGGREGATE SURFACE COURSE, TYPE A 10"	SQ YD	264	125	139
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.3	0.3	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	83	83	
42000110	PORTLAND CEMENT CONCRETE PAVEMENT 6 1/2"	SQ YD	1540	247	1293 (321)
42001300	PROTECTIVE COAT	SQ YD	1925	456	1469 (339)
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	31		31
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1591	1521	70
* 42400800	DETECTABLE WARNINGS	SQ FT	56	32	24
* 44000100	PAVEMENT REMOVAL	SQ YD	898	582	316
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	122	122	

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(ALTERNATE QUANTITIES) INCLUDED IN TOTALS

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

				CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ITEP - PARTICIPATION FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	NON-PARTICIPATING ROADWAY NEW CONSTRUCTION 0028
44000300	CURB REMOVAL	FOOT	154	130	24
44000600	SIDEWALK REMOVAL	SQ FT	612	612	
* 50901760	PIPE HANDRAIL	FOOT	22	22	
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	102	62	40 (40)
* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1	1	
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2	1	1 (1)
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3	
60500060	REMOVING INLETS	EACH	1	1	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	399	110	289 (36)
* 60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	331	29	302 (36)
① 66400105	CHAIN LINK FENCE, 4'	FOOT	20	20	
67100100	MOBILIZATION	L SUM	1	1	

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(ALTERNATE QUANTITIES) INCLUDED IN TOTALS

ILLINOIS DEPARTMENT OF TRANSPORTATION

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ITEP - PARTICIPATION FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	NON-PARTICIPATING ROADWAY NEW CONSTRUCTION 0028
72000100	SIGN PANEL - TYPE 1	SQ FT	32	16	16
72900100	METAL POST - TYPE A	FOOT	110	55	55
① 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	10	5	5
① 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1455	965	490 (280)
① 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	80		80
① * 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	
① 81028180	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	FOOT	1020	1020	
① 81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	10	10	
① 81400100	HANDHOLE	EACH	1	1	
① 81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	242	242	
① 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	778	778	
① 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	778	778	
① 87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	10	10	
① 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	21.0	21.0	

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(ALTERNATE QUANTITIES) INCLUDED IN TOTALS

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

				CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ITEP - PARTICIPATION FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	NON-PARTICIPATING ROADWAY NEW CONSTRUCTION 0028
* Z0003855	BICYCLE RACKS	EACH	4	4	
* Z0012450	CONCRETE STEPS	CU YD	4.0	4.0	
* Z0012455	CONCRETE STEP REMOVAL	EACH	1	1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
* Z0041500	PLUG EXISTING CULVERTS	EACH	1	1	
* Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
* Z0048900	RAILROAD TRACK REMOVAL	FOOT	262		262
① * A2002320	TREE, BETULA NIGRA (RIVER BIRCH), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	1	2
① * A2007170	TREE, QUERCUS WAREI REGAL PRINCE, (REGAL PRINCE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4	
① * A2007666	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	5	4	1
① * D2C00624	EVERGREEN, JUNIPERUS CHINENSIS SEA GREEN (SEA GREEN JUNIPER), 2' WIDTH, CONTAINER	EACH	5		5
① * K1001969	GRAVEL MULCH	TON	18		18 (3)
① * X0301115	LANDSCAPE EDGING	FOOT	49		49 (9)
① * X0321501	WEED BARRIER FABRIC	SQ YD	106		106 (15)

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(ALTERNATE QUANTITIES) INCLUDED IN TOTALS

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

					CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ITEP - PARTICIPATION FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028	NON-PARTICIPATING ROADWAY NEW CONSTRUCTION 0028	
* X0326406	INFORMATION KIOSK COMPLETE	EACH	1	1		
① * X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	7	7		
* X0350810	BOLLARD REMOVAL	EACH	1	1		
* X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	72		72	
① * X5619210	WATER VALVES TO BE ADJUSTED, SPECIAL	EACH	5	3	2	
* X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	2		2	
* X6026636	METER VAULTS TO BE RECONSTRUCTED	EACH	2	2		
① * X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	18	18		
① * X6640550	CHAIN LINK FENCE, 4' (SPECIAL)	FOOT	964	964		
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
* X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	3	3		
① * X8130110	JUNCTION BOX (SPECIAL)	EACH	6	6		
① X8170245	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 12	FOOT	242	242		
① * X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1	1		

* SPECIAL PROVISION

① SPECIALTY ITEM

(ALTERNATE QUANTITIES)
INCLUDED IN TOTALS

PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS

STATION	SIDE	DESCRIPTION	78001100	
			YELLOW	SQ FT
PARKING LOT (NON-PARTICIPATING)				
11+95.4	LT	HANDICAP SYMBOL		4.6
RIVERFRONT TRAIL (ITEP-PARTICIPATION)				
10+49.9	RT	HANDICAP SYMBOL		4.6
TOTAL				9.2
USE				10

PAINT PAVEMENT MARKING - LINE 4"

STATION TO STATION	SIDE	DESCRIPTION	78001110	
			YELLOW	FOOT
PARKING LOT (NON-PARTICIPATING)				
10+59.7	11+13.7	LT	PARKING LINES	100.0 (100.0)
11+33.3	12+22.3	RT	PARKING LINES	180.0 (180.0)
11+37.2	12+08.2	LT	PARKING LINES	210.0
RIVERFRONT TRAIL (ITEP-PARTICIPATION)				
2+07.7	9+26.4	LT	CENTERLINE	719.6
10+34.1	10+82.1	RT	PARKING LINES	244.6
TOTAL				1454.2 (280.0)
USE				1455 (280)

PAINT PAVEMENT MARKING - LINE 6"

STATION TO STATION	SIDE	DESCRIPTION	78001130	
			WHITE	FOOT
HAMPSHIRE STREET (NON-PARTICIPATING)				
19+32.3	19+38.3	LT & RT	CROSSWALK	79.3
TOTAL				79.3
USE				80

PLANTING SCHEDULE

STATION	SIDE	OFFSET	A2002320 A2007170 A2007666 D2C00624 XX007829 XX006003					
			TREES			EVERGREEN	GRASSES	
			RIVER BURCH	REGAL PRINCE OAK	COMMON BALD CYPRESS	SEA GREEN JUNIPER	DWARF FOUNTAIN GRASS	SWITCHGRAS
PARKING LOT (NON-PARTICIPATING)								
10+28.7	LT	30.2						1
10+30.6	LT	26.0						1
10+33.4	LT	22.3						1
10+37.0	LT	19.3						1
10+41.1	LT	17.1						1
10+45.5	LT	15.9						1
10+50.2	LT	15.6						1
10+54.5	LT	15.8						1
10+55.1	LT	20.3						1
10+55.1	LT	25.0						1
10+55.1	LT	29.6						1
11+28.0	LT	29.5					1	
11+30.0	LT	25.0					1	
11+32.0	LT	29.5					1	
11+50.0	RT	45.0	1					
11+79.0	LT	43.5						1
11+80.0	RT	45.0			1			
11+87.0	LT	43.5						1
11+95.0	LT	43.5						1
12+03.0	LT	43.5				1		
12+10.0	RT	45.0	1					
12+11.0	LT	43.5				1		
12+19.0	LT	43.5				1		
12+27.0	LT	43.5				1		
12+35.0	LT	43.5				1		
RIVERFRONT TRAIL (ITEP-PARTICIPATION)								
2+25.0	LT	12.0		1				
2+75.0	LT	12.0		1				
3+25.0	LT	12.0		1				
3+75.0	LT	9.0		1				
6+10.0	RT	10.0			1			
7+30.0	RT	10.0			1			
10+35.0	RT	38.0	1					
10+60.0	RT	39.0				1		
10+60.0	RT	57.0				1		
TOTALS			3	4	5	5	3	14

LANDSCAPE EDGING

STATION TO STATION			X0301115	
STATION	SIDE	FOOT		
PARKING LOT (NON-PARTICIPATING)				
10+58.1	10+58.1	LT	20.0	
11+15.2	11+15.2	LT	20.0	
12+23.8	12+30.4	RT	8.1 (8.1)	
TOTAL			48.1 (8.1)	
USE			49 (9)	

WEED BARRIER FABRIC

STATION TO STATION			X0321501	
STATION	SIDE	SO YD		
PARKING LOT (NON-PARTICIPATING)				
10+25.0	10+58.1	LT	59.8	
11+15.2	11+35.6	LT	30.7	
12+23.8	12+30.4	RT	14.1 (14.1)	
TOTAL			104.6 (14.1)	
USE			105 (15)	

GRAVEL MULCH

STATION TO STATION			K1001969	
STATION	SIDE	AREA (sq ft)	TON	
PARKING LOT (NON-PARTICIPATING)				
10+25.0	10+58.1	LT	538.2	10.0
11+15.2	11+35.6	LT	276.1	5.1
12+23.8	12+30.4	RT	126.7	2.3 (2.3)
TOTAL			941.0	17.4 (2.3)
USE				18 (3)

- DEPTH IS 3" MINIMUM.
- CALCULATION RATE = 2 TON / CY

SIGNING SCHEDULE

STATION	FACING	OFFSET	SIGN	SIGN DESIGNATION	SIGN SIZE (INCHES)	72000100 X7200105		72900100	
						SIGN PANEL		NUMBER OF POSTS	METAL POST TYPE A
						TYPE 1	TYPE 1 SPECIAL		
PARKING LOT (NON-PARTICIPATING)									
10+45	SOUTH	25.0' LT	STOP	R1-1	30 x 30	6.3		1	13.0
12+00	WEST	34.0' LT	RESERVED PARKING (HANDICAP SYMBOL) #250 FINE PLATE	R7-8 (MOD) R7-I101	12 x 18 12 x 6	1.5 0.5		1	7.9
12+31	NORTH	2.5' RT	END OF ROAD MARKER	OM4-1	18 x 18	2.3		1	11.5
12+31	NORTH	5.5' RT	END OF ROAD MARKER	OM4-1	18 x 18	2.3		1	11.5
12+31	NORTH	8.5' RT	END OF ROAD MARKER	OM4-1	18 x 18	2.3		1	11.5
RIVERFRONT TRAIL (ITEP-PARTICIPATION)									
2+25	NORTH	8.0' RT	NO MOTOR VEHICLES	R5-3	24 x 24	4.0		1	10.5
3+25	EAST	68.0' RT	NO TRESPASSING - VIOLATORS WILL BE PROSECUTED	SPECIAL	18 x 12		1.5		
3+70	EAST	71.0' RT	NO TRESPASSING - VIOLATORS WILL BE PROSECUTED	SPECIAL	18 x 12		1.5		
9+00	SOUTH	8.0' LT	BIKE ROUTE	D11-1	24 x 18	3.0		1	10.5
9+26	NORTH	8.0' RT	CYCLISTS DISMOUNT	R9	12 x 18	1.5		1	10.5
10+15	SOUTH	7.0' LT	CYCLISTS DISMOUNT	R9	12 x 18	1.5		1	13.5
			NO MOTOR VEHICLES	R5-3	24 x 24	4.0			
10+55	EAST	31.0' RT	RESERVED PARKING (HANDICAP SYMBOL) #250 FINE PLATE	R7-8 (MOD) R7-I101	12 x 18 12 x 6	1.5 0.5		1	9.3
TOTALS						31.2	3.0		109.7
USE						32	3		110

(ALTERNATE QUANTITIES)
INCLUDED IN TOTAL
SEE ALSO THE SUMMARY OF QUANTITIES

ELECTRIC SERVICE INSTALLATION
80400100

STATION	SIDE	EACH
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+55.0	LT	1
TOTAL		1

HANDHOLE
81400100

STATION	SIDE	EACH
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
5+00.0	RT	1
TOTAL		1

LIGHTING CONTROLLER, SPECIAL
X8250505

STATION	SIDE	EACH
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+45.0	LT	1
TOTAL		1

ELECTRIC CABLE IN CONDUIT
600V (XLP-TYPE USE) 1/C NO. 10
81702110

STATION TO STATION	SIDE	FOOT
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+45.0	3+50.0	LT & RT 107.5
3+50.0	3+50.0	RT 2.5
3+50.0	5+00.0	RT 150.5
5+00.0	5+00.0	RT 3.5
5+00.0	6+50.0	RT 150.5
6+50.0	6+50.0	RT 2.5
6+50.0	8+00.0	RT 150.0
8+00.0	8+00.0	RT 2.5
8+00.0	10+00.0	LT & RT 205.5
10+00.0	10+00.0	LT 2.5
TOTAL		777.5
USE		778

CONCRETE FOUNDATION, TYPE A
87800100

STATION	SIDE	TOP ELEVATION	FOOT
PARKING LOT (ITEP-PARTICIPATION)			
10+45.0	LT	490.15	3.0
12+45.0	LT	490.75	3.0
RIVERFRONT TRAIL (ITEP-PARTICIPATION)			
3+50.0	RT	492.55	3.0
5+00.0	RT	495.75	3.0
6+50.0	RT	497.15	3.0
8+00.0	RT	498.15	3.0
10+00.0	LT	500.10	3.0
TOTAL			21.0

UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.
81028180

STATION TO STATION	SIDE	FOOT
PARKING LOT (ITEP-PARTICIPATION)		
10+45.0	10+45.0	LT 2.5
10+45.0	12+45.0	LT 202.0
12+45.0	12+45.0	LT 2.5
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+12.0	2+45.0	LT 35.0
2+45.0	3+50.0	LT & RT 107.5
3+50.0	3+50.0	RT 2.5
3+50.0	5+00.0	RT 150.5
5+00.0	5+00.0	RT 3.5
5+00.0	6+50.0	RT 150.5
6+50.0	6+50.0	RT 2.5
6+50.0	8+00.0	RT 150.0
8+00.0	8+00.0	RT 2.5
8+00.0	10+00.0	LT & RT 205.5
10+00.0	10+00.0	LT 2.5
TOTAL		1019.5
USE		1020

ELECTRIC CABLE IN CONDUIT
600V (XLP-TYPE USE) 1/C NO. 12
81702100

STATION TO STATION	SIDE	FOOT
PARKING LOT (ITEP-PARTICIPATION)		
10+45.0	10+45.0	LT 2.5
10+45.0	12+45.0	LT 202.0
12+45.0	12+45.0	LT 2.5
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+12.0	2+45.0	LT 35.0
TOTAL		242.0
USE		242

CONCRETE FOUNDATION (SPECIAL)
X8780107

STATION	SIDE	TOP ELEVATION	FOOT
RIVERFRONT TRAIL (ITEP-PARTICIPATION)			
2+45.0	LT	493.90	5.0
TOTAL			5.0

ELECTRIC CABLE IN CONDUIT
600V (XLP-TYPE USE) 3-1/C NO. 10
81702450

STATION TO STATION	SIDE	FOOT
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+45.0	3+50.0	LT & RT 107.5
3+50.0	3+50.0	RT 2.5
3+50.0	5+00.0	RT 150.5
5+00.0	5+00.0	RT 3.5
5+00.0	6+50.0	RT 150.5
6+50.0	6+50.0	RT 2.5
6+50.0	8+00.0	RT 150.0
8+00.0	8+00.0	RT 2.5
8+00.0	10+00.0	LT & RT 205.5
10+00.0	10+00.0	LT 2.5
TOTAL		777.5
USE		778

ELECTRIC CABLE IN CONDUIT
600V (XLP-TYPE USE) 3-1/C NO. 12
X8170245

STATION TO STATION	SIDE	FOOT
PARKING LOT (ITEP-PARTICIPATION)		
10+45.0	10+45.0	LT 2.5
10+45.0	12+45.0	LT 202.0
12+45.0	12+45.0	LT 2.5
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+12.0	2+45.0	LT 35.0
TOTAL		242.0
USE		242

UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.
81028190

STATION TO STATION	SIDE	FOOT
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+45.0	2+55.0	LT 10.0
TOTAL		10.0
USE		10

ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C
87301815

STATION TO STATION	SIDE	FOOT
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+45.0	2+55.0	LT 10.0
TOTAL		10.0
USE		10

ORNAMENTAL LIGHT UNIT, COMPLETE
X0326654

STATION	SIDE	EACH
PARKING LOT (ITEP-PARTICIPATION)		
10+45.0	LT	1
12+45.0	LT	1
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
3+50.0	RT	1
5+00.0	RT	1
6+50.0	RT	1
8+00.0	RT	1
10+00.0	LT	1
TOTAL		7

JUNCTION BOX (SPECIAL)
X8130110

STATION	SIDE	EACH
PARKING LOT (ITEP-PARTICIPATION)		
10+45.0	LT	1
12+45.0	LT	1
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
3+50.0	RT	1
6+50.0	RT	1
8+00.0	RT	1
10+00.0	LT	1
TOTAL		6

(ALTERNATE QUANTITIES)
INCLUDED IN TOTAL
SEE ALSO THE SUMMARY OF QUANTITIES

PAVEMENT REMOVAL

44000100

STATION TO STATION	SIDE	SO YD
HAMPSHIRE STREET (NON-PARTICIPATING)		
18+92.0	19+47.8	LT & RT 315.8
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
9+72.5	10+82.0	LT & RT 581.4
TOTAL		897.1
USE		898

DRIVEWAY PAVEMENT REMOVAL

44000200

STATION TO STATION	SIDE	SO YD
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
2+86.0	3+15.4	LT & RT 121.5
TOTAL		121.5
USE		122

CURB REMOVAL

44000300

STATION TO STATION	SIDE	FOOT
HAMPSHIRE STREET (NON-PARTICIPATING)		
18+77.2	18+98.6	RT 24.5
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
10+53.7	10+61.5	RT 12.6
10+54.1	10+62.5	RT 57.8
10+55.9	10+82.1	RT 59.0
TOTAL		153.9
USE		154

SIDEWALK REMOVAL

44000600

STATION TO STATION	SIDE	SO FT
RIVERFRONT TRAIL (ITEP-PARTICIPATION)		
10+56.4	10+82.0	RT 564.6
10+53.8	10+64.4	RT 47.3
TOTAL		611.9
USE		612

PAVEMENT REMOVAL (SPECIAL)

X4404400

STATION TO STATION	SIDE	SO YD
HAMPSHIRE STREET (NON-PARTICIPATING)		
19+15.7	19+43.5	RT 36.5
19+16.2	19+42.8	LT 35.5
TOTAL		72.0
USE		72

CONCRETE STEP REMOVAL

Z0012455

STATION	SIDE	OFFSET	EACH
RIVERFRONT TRAIL (ITEP-PARTICIPATION)			
9+70.0	RT	6.0	1
TOTAL			1

RAILROAD TRACK REMOVAL

Z0048900

STATION TO STATION	SIDE	FOOT
PARKING LOT (NON-PARTICIPATING)		
9+68.0	12+30.0	LT 262
TOTAL		262

BOLLARD REMOVAL

X0350810

STATION	SIDE	OFFSET	EACH
RIVERFRONT TRAIL (ITEP-PARTICIPATION)			
10+28.4	RT	56.9	1
TOTAL			1

UTILITY ADJUSTMENT SCHEDULE

56400500 60255500 X5619210 X6026051 X6026636

STATION	SIDE	OFFSET	EXISTING ELEVATION	PROPOSED ELEVATION	FIRE HYDRANT TO BE REMOVED	MANHOLE TO BE ADJUSTED	WATER VALVE TO BE ADJUSTED	SANITARY MANHOLE TO BE RECON	METER VAULT TO BE RECON
					EACH	EACH	EACH	EACH	EACH
HAMPSHIRE STREET (NON-PARTICIPATING)									
19+00.5	RT	16.0	486.11	486.81				1	
PARKING LOT (NON-PARTICIPATING)									
10+37.0	LT	24.6	488.18	490.15				1	
11+16.8	LT	29.2	490.49	489.80			1		
11+28.1	LT	12.4	488.23	489.60			1		
RIVERFRONT TRAIL (ITEP-PARTICIPATION)									
3+98.4	LT	1.6	495.07	494.85			1		
4+29.8	LT	9.4	496.00	496.99		1			
4+49.6	LT	0.5	495.12	495.93			1		
4+49.6	LT	7.3	496.08	496.38			1		
4+61.9	LT	8.9	496.54	497.64		1			
5+26.3	RT	5.6	495.99	497.07		1			
9+43.1	LT	2.9	n/a	n/a	1				
9+57.0	LT	0.2	499.85	500.16					1
9+70.9	RT	0.3	500.10	500.19					1
TOTALS					1	3	5	2	2

* - THE EXISTING ELEVATIONS SHALL BE FIELD VERIFIED.

REMOVING INLET

60500060

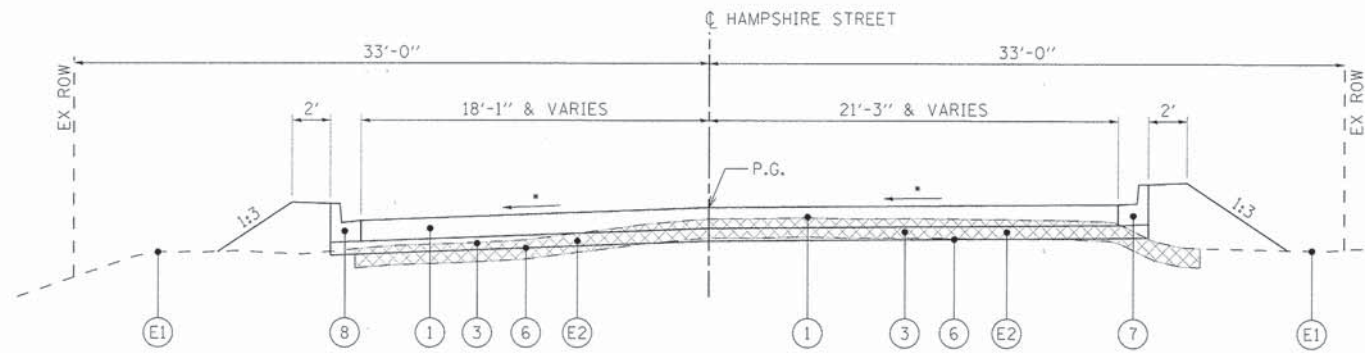
STATION	SIDE	OFFSET	EACH
RIVERFRONT TRAIL (ITEP-PARTICIPATION)			
9+03.2	LT	2.5	1
TOTAL			1

PLUG EXISTING CULVERTS

Z0041500

STATION	SIDE	OFFSET	EACH
RIVERFRONT TRAIL (ITEP-PARTICIPATION)			
9+03.2	LT	2.5	1
TOTAL			1

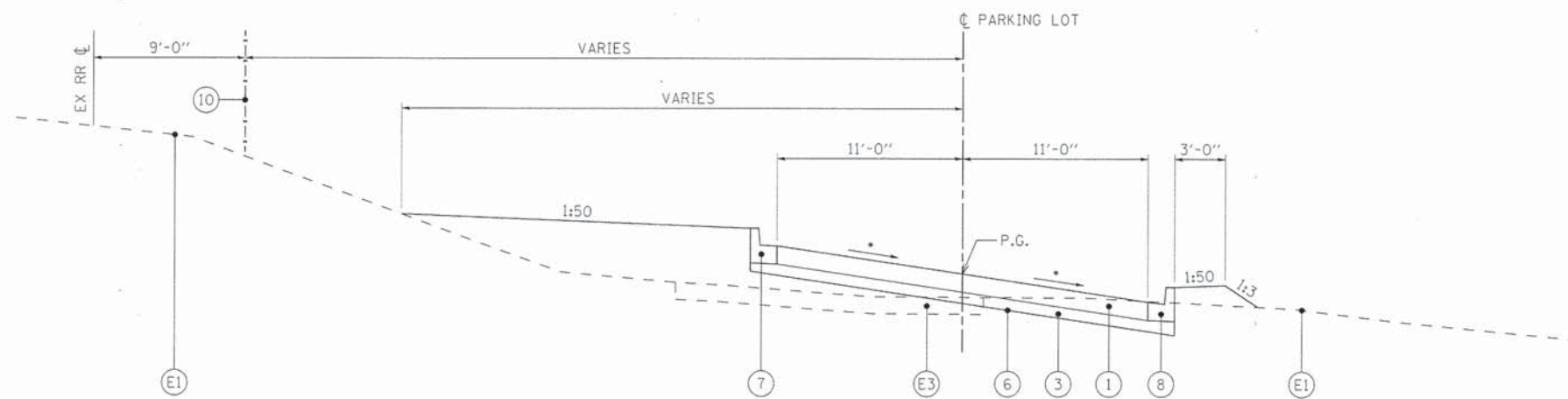
(ALTERNATE QUANTITIES)
INCLUDED IN TOTAL
SEE ALSO THE SUMMARY OF QUANTITIES



TYPICAL HAMPSHIRE STREET SECTION

STA. 18+91.95 TO STA. 19+47.82

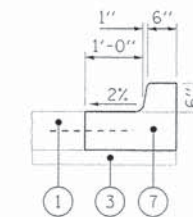
* - VARIES TO MATCH EXISTING
SEE PLAN SHEETS



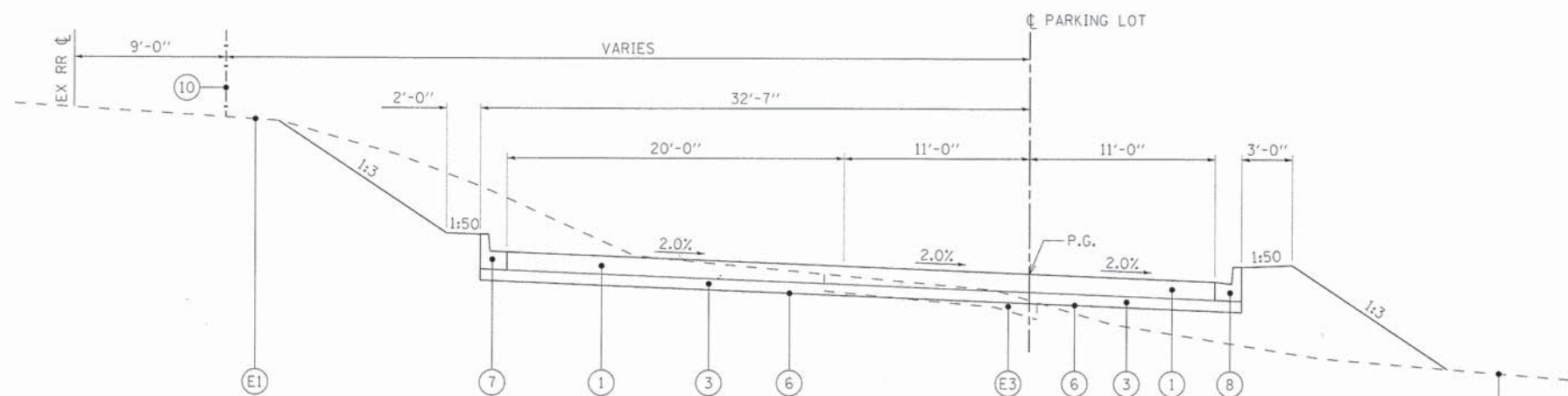
TYPICAL PARKING LOT SECTION

STA. 10+20.98 TO STA. 11+13.66

* - VARIES SEE GEOMETRIC DETAILS



CURB & GUTTER DETAIL
TYPE B-6.12 (MODIFIED)



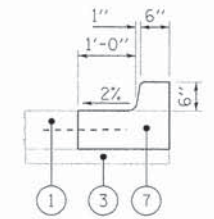
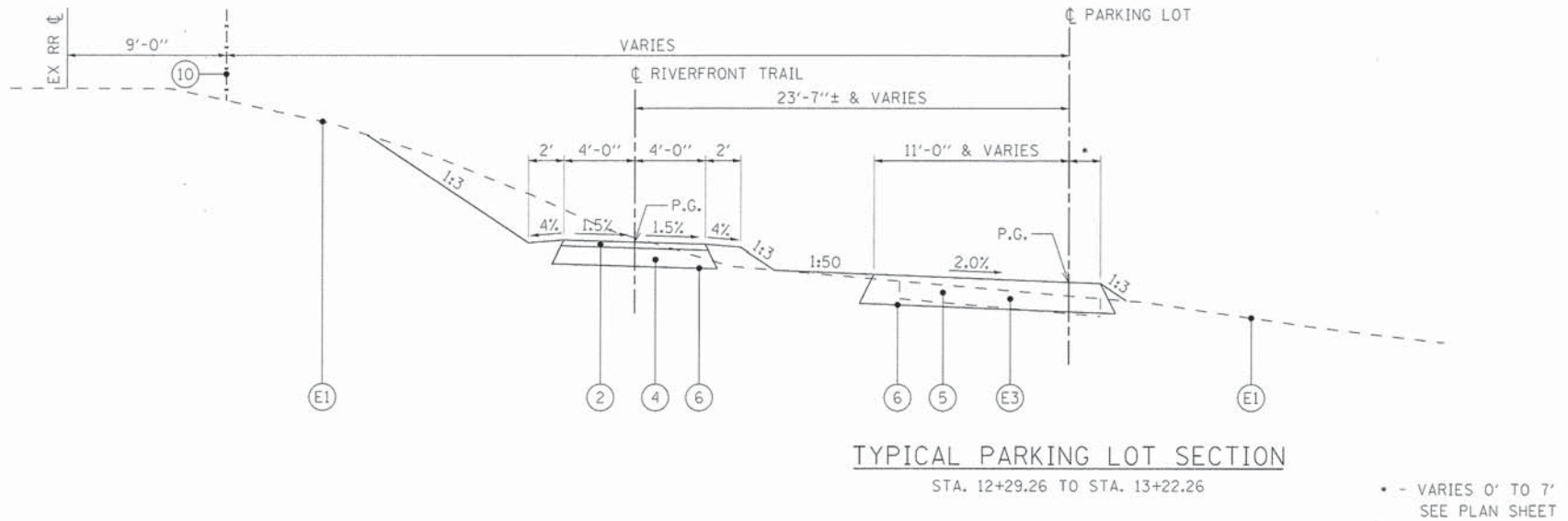
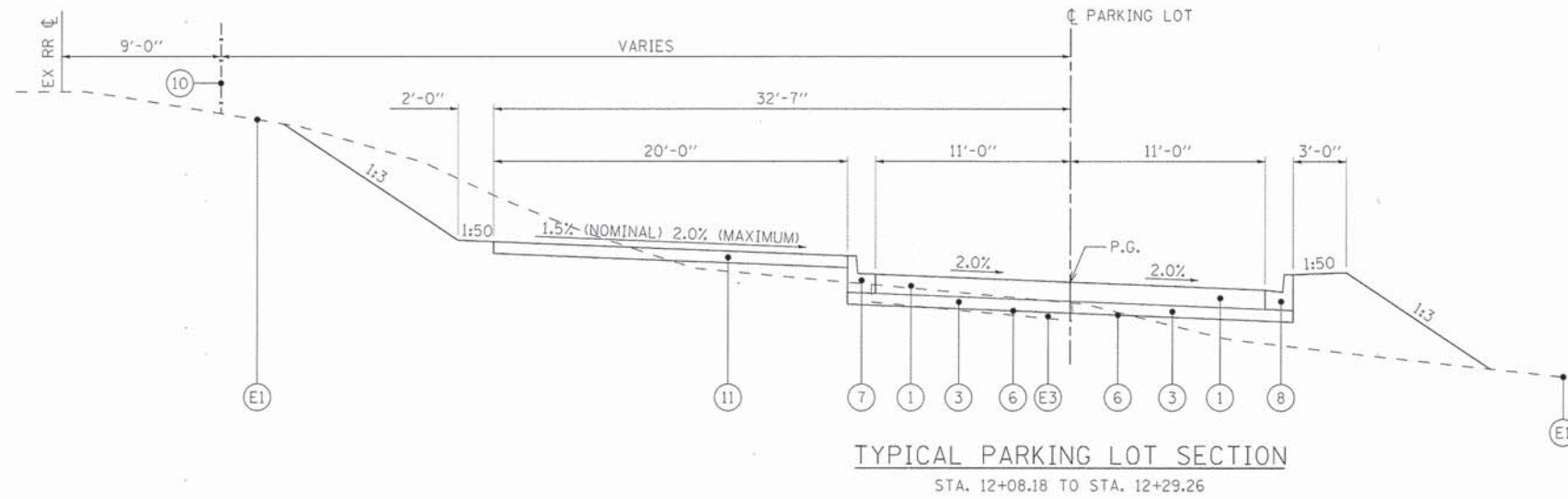
TYPICAL PARKING LOT SECTION

STA. 11+13.66 TO STA. 12+08.18

LEGEND

- Ⓔ EXISTING GROUND
- Ⓔ EXISTING HMA PAVEMENT
- Ⓔ EXISTING AGG PAVEMENT
- ① PROPOSED PCC PAVEMENT, 6 1/2"
- ② PROPOSED HMA SURFACE COURSE IL-9.5L (N50) MIX "C" 2"
- ③ AGGREGATE BASE COURSE, TYPE A 4"
- ④ AGGREGATE BASE COURSE, TYPE B 6"
- ⑤ AGGREGATE SURFACE COURSE, TYPE A 10"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED) (SEE DETAIL THIS SHEET)
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑩ PROPOSED CHAIN LINK FENCE, 4' (SPECIAL)
- ⑪ PROPOSED PCC SIDEWALK, 4"
- ⊠ EXISTING ITEM TO BE REMOVED

FILE NAME: qp:\projects\100121\05 - plans\new\10-00315-00-BT-5h4-Typical.dgn	USER NAME: abb	DESIGNED: -	REVISED: -	CITY OF QUINCY RIVERFRONT CONNECTOR CORRIDOR	TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE: 5/8" = 1' IN.	CHECKED: -	REVISED: -	SCALE: none			SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	ADAMS	69	15
PLOT DATE: 5/2/2013	DATE: -	REVISED: -						ILLINOIS FED. AID PROJECT	CONTRACT NO. 93602		



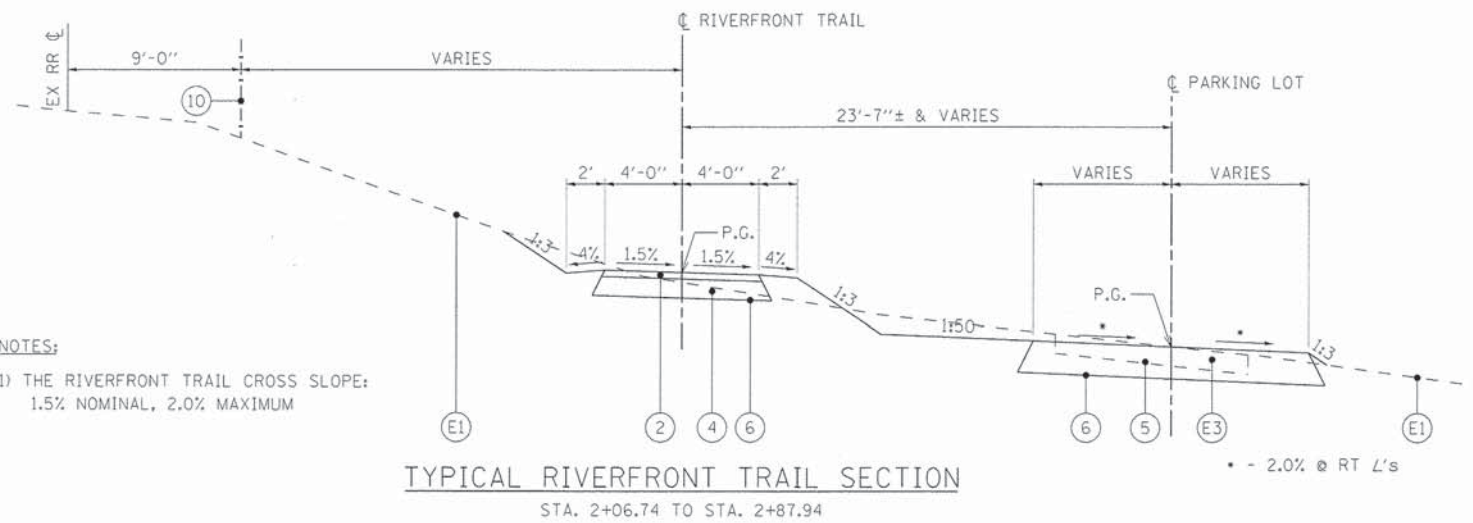
**CURB & GUTTER DETAIL
TYPE B-6.12 (MODIFIED)**

LEGEND

- Ⓔ EXISTING GROUND
- Ⓔ EXISTING HMA PAVEMENT
- Ⓔ EXISTING AGG PAVEMENT
- ① PROPOSED PCC PAVEMENT, 6 1/2"
- ② PROPOSED HMA SURFACE COURSE IL-9.5L (N50) MIX "C" 2"
- ③ AGGREGATE BASE COURSE, TYPE A 4"
- ④ AGGREGATE BASE COURSE, TYPE B 6"
- ⑤ AGGREGATE SURFACE COURSE, TYPE A 10"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED) (SEE DETAIL THIS SHEET)
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑩ PROPOSED CHAIN LINK FENCE, 4' (SPECIAL)
- ⑪ PROPOSED PCC SIDEWALK, 4"
- ☒ EXISTING ITEM TO BE REMOVED

• - VARIES 0' TO 7'
SEE PLAN SHEET

FILE NAME	USER NAME	DESIGNED	REVISED	CITY OF QUINCY RIVERFRONT CONNECTOR CORRIDOR	TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN	REVISED		SCALE: none	SHEET NO. 2	OF 4 SHEETS	STA.	TO STA.	ADAMS	69	16
		CHECKED	REVISED							CONTRACT NO.		
		DATE	REVISED							ILLINOIS FED. AID PROJECT		93602

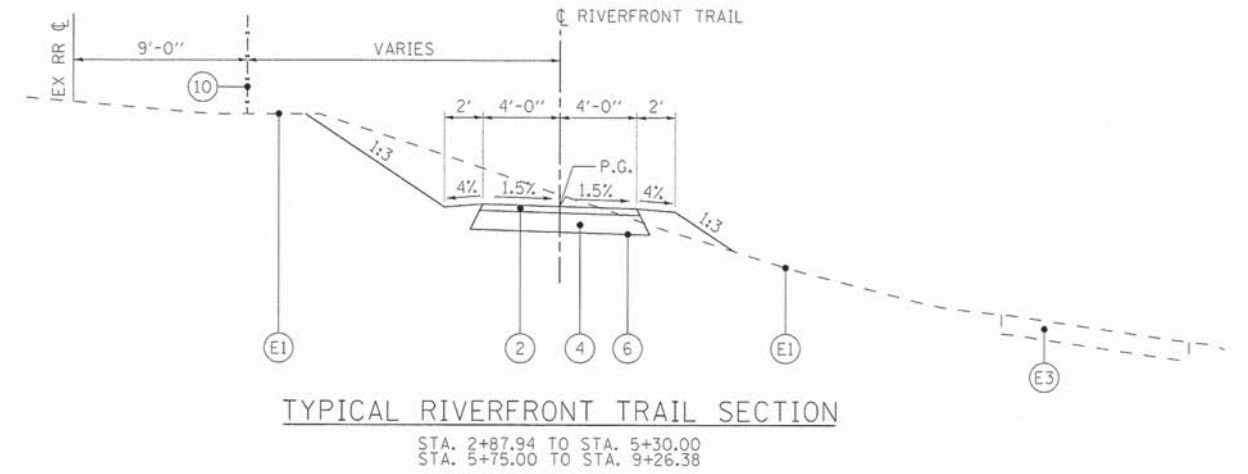


- NOTES:
- 1) THE RIVERFRONT TRAIL CROSS SLOPE: 1.5% NOMINAL, 2.0% MAXIMUM

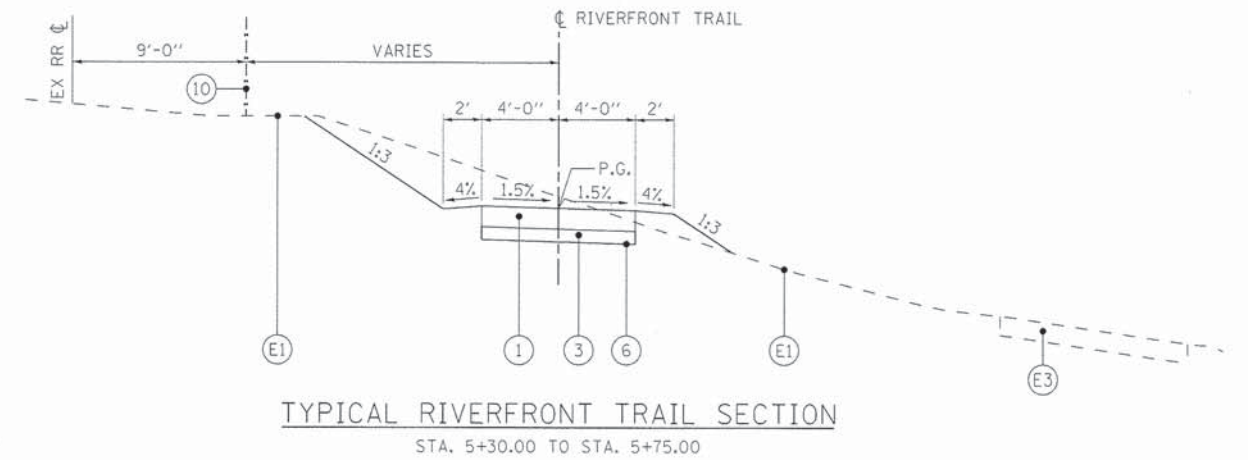
TYPICAL RIVERFRONT TRAIL SECTION
STA. 2+06.74 TO STA. 2+87.94

LEGEND

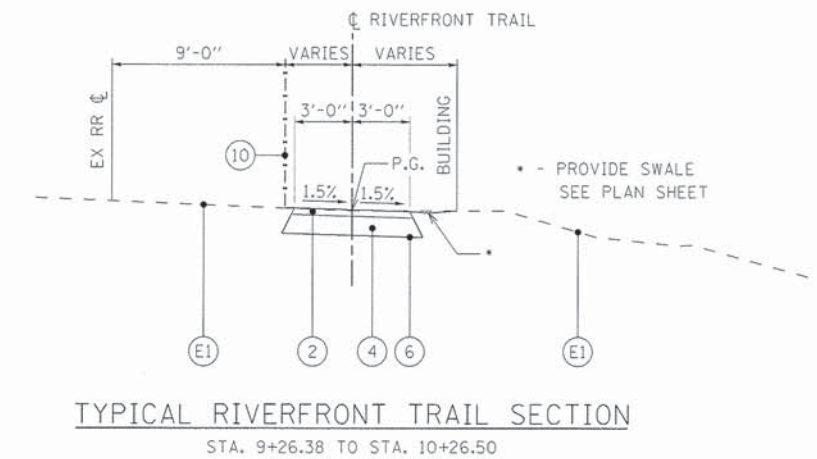
- Ⓔ EXISTING GROUND
- Ⓔ EXISTING HMA PAVEMENT
- Ⓔ EXISTING AGG PAVEMENT
- ① PROPOSED PCC PAVEMENT, 6 1/2"
- ② PROPOSED HMA SURFACE COURSE IL-9.5L (N50) MIX "C" 2"
- ③ AGGREGATE BASE COURSE, TYPE A 4"
- ④ AGGREGATE BASE COURSE, TYPE B 6"
- ⑤ AGGREGATE SURFACE COURSE, TYPE A 10"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED) (SEE DETAIL PREVIOUS SHEET)
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- Ⓔ PROPOSED CHAIN LINK FENCE, 4' (SPECIAL)
- Ⓔ PROPOSED PCC SIDEWALK, 4"
- ⊗ EXISTING ITEM TO BE REMOVED



TYPICAL RIVERFRONT TRAIL SECTION
STA. 2+87.94 TO STA. 5+30.00
STA. 5+75.00 TO STA. 9+26.38



TYPICAL RIVERFRONT TRAIL SECTION
STA. 5+30.00 TO STA. 5+75.00



TYPICAL RIVERFRONT TRAIL SECTION
STA. 9+26.38 TO STA. 10+26.50

- NOTES:
- 1) THE RIVERFRONT TRAIL WIDTH TRANSITIONS FROM 8' TO 6' FROM STA. 9+26.38 TO STA. 9+36.38.

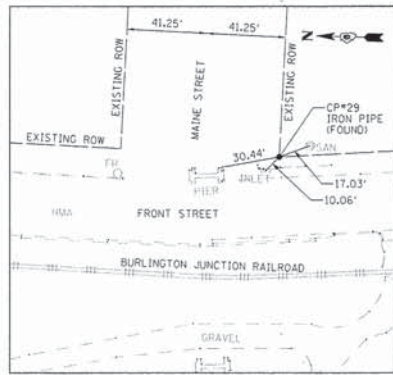
FILE NAME =	USER NAME = hbb	DESIGNED =	REVISED =
ac:\107\105\100181\105 plans\riverfront\10-00315-00-BT-Sht 4 Typical Sections		DRAWN =	REVISED =
		CHECKED =	REVISED =
		DATE =	REVISED =

CITY OF QUINCY
RIVERFRONT CONNECTOR CORRIDOR

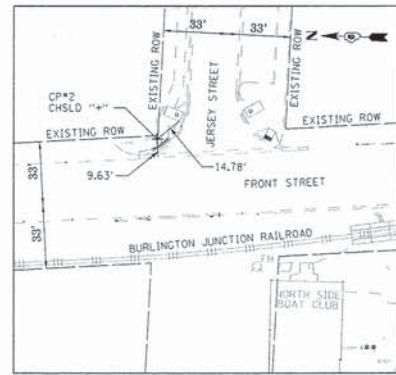
TYPICAL SECTIONS

SCALE: none SHEET NO. 4 OF 4 SHEETS STA. TO STA.

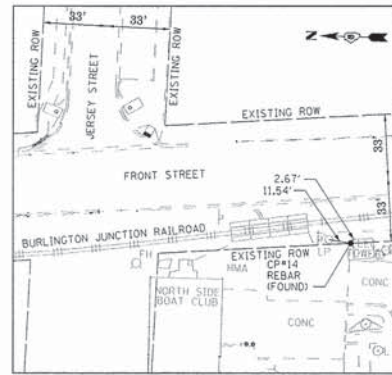
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00315-00-BT	ADAMS	69	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93602	



CONTROL POINT #29
SE COR INT FRONT & MAINE ST
(FOUND IRON PIPE)
N=10,205.4462, E=10,415.9957



CONTROL POINT #2
NE COR INT FRONT & JERSEY ST
(CHISELED "I" PIPE)
N=9,805.0353, E=10,445.6296



CONTROL POINT #14
NE COR INT FRONT & JERSEY ST
(FOUND REBAR)
N=9,640.4530, E=10,394.1699



CONTROL POINT #32
NW COR INT FRONT & YORK ST
(FOUND IRON PIPE)
N=9,341.1865, E=10,417.6489

ALIGNMENT COORDINATES - HAMPSHIRE STREET			
	STATION	N	E
POT	18+05.29	10,726.7958	10,202.4732
POT	20+00.00	10,721.4662	10,397.1056

PROP. CURVE TRAIL_4
PI STA. = 2+94.81
Δ = 1° 30' 25" (LT)
D = 28° 38' 52"
R = 200.00'
T = 2.63'
L = 5.26'
E = 0.02'
e = N.C.
P.C. STA. = 2+92.18
P.T. STA. = 2+97.44

PROP. CURVE TRAIL_5
PI STA. = 4+82.05
Δ = 0° 40' 05" (LT)
D = 28° 38' 52"
R = 200.00'
T = 1.17'
L = 2.33'
E = 0.00'
e = N.C.
P.C. STA. = 4+80.89
P.T. STA. = 4+83.22

PROP. CURVE TRAIL_6
PI STA. = 5+59.21
Δ = 0° 48' 35" (LT)
D = 28° 38' 52"
R = 200.00'
T = 1.41'
L = 2.83'
E = 0.00'
e = N.C.
P.C. STA. = 5+57.80
P.T. STA. = 5+60.62

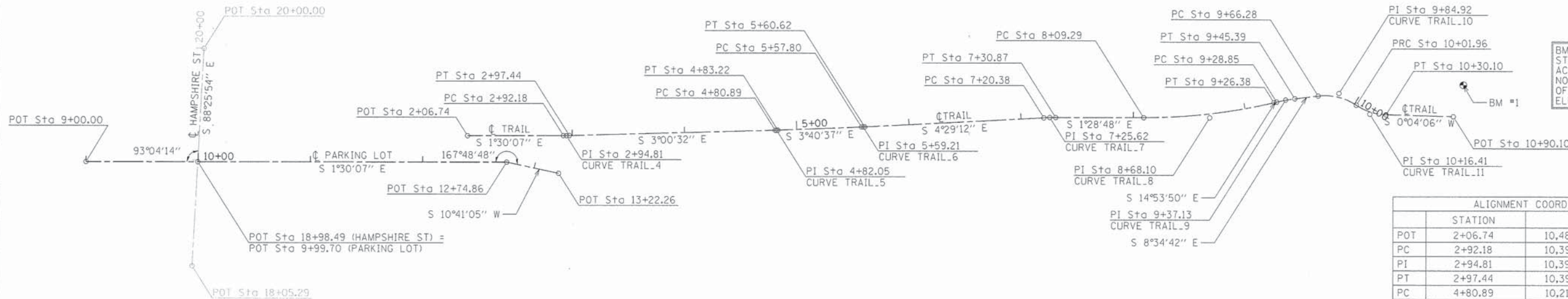
PROP. CURVE TRAIL_7
PI STA. = 7+25.62
Δ = 3° 00' 24" (RT)
D = 28° 38' 52"
R = 200.00'
T = 5.25'
L = 10.50'
E = 0.07'
e = N.C.
P.C. STA. = 7+20.38
P.T. STA. = 7+30.87

PROP. CURVE TRAIL_8
PI STA. = 8+68.10
Δ = 13° 25' 01" (LT)
D = 11° 27' 33"
R = 500.00'
T = 58.81'
L = 117.09'
E = 3.45'
e = N.C.
P.C. STA. = 8+09.29
P.T. STA. = 9+26.38

PROP. CURVE TRAIL_9
PI STA. = 9+37.13
Δ = 6° 19' 08" (RT)
D = 38° 11' 50"
R = 150.00'
T = 8.28'
L = 16.54'
E = 0.23'
e = N.C.
P.C. STA. = 9+28.85
P.T. STA. = 9+45.39

PROP. CURVE TRAIL_10
PI STA. = 9+84.92
Δ = 40° 53' 31" (RT)
D = 114° 35' 30"
R = 50.00'
T = 18.64'
L = 35.69'
E = 3.36'
e = N.C.
P.C. STA. = 9+66.28
P.T. STA. = 10+01.96

PROP. CURVE TRAIL_11
PI STA. = 10+16.41
Δ = 32° 14' 43" (LT)
D = 114° 35' 30"
R = 50.00'
T = 14.45'
L = 28.14'
E = 2.05'
e = N.C.
P.C. STA. = 10+01.96
P.T. STA. = 10+30.10



BM #1
STANDARD DISC STAMPED K81 1935
ACROSS FROM CIPS IN FRONT OF
NORTH SIDE BOAT CLUB ON TOP
OF CONC. BASE OF S. STEEL TOWER
ELEV 502.10

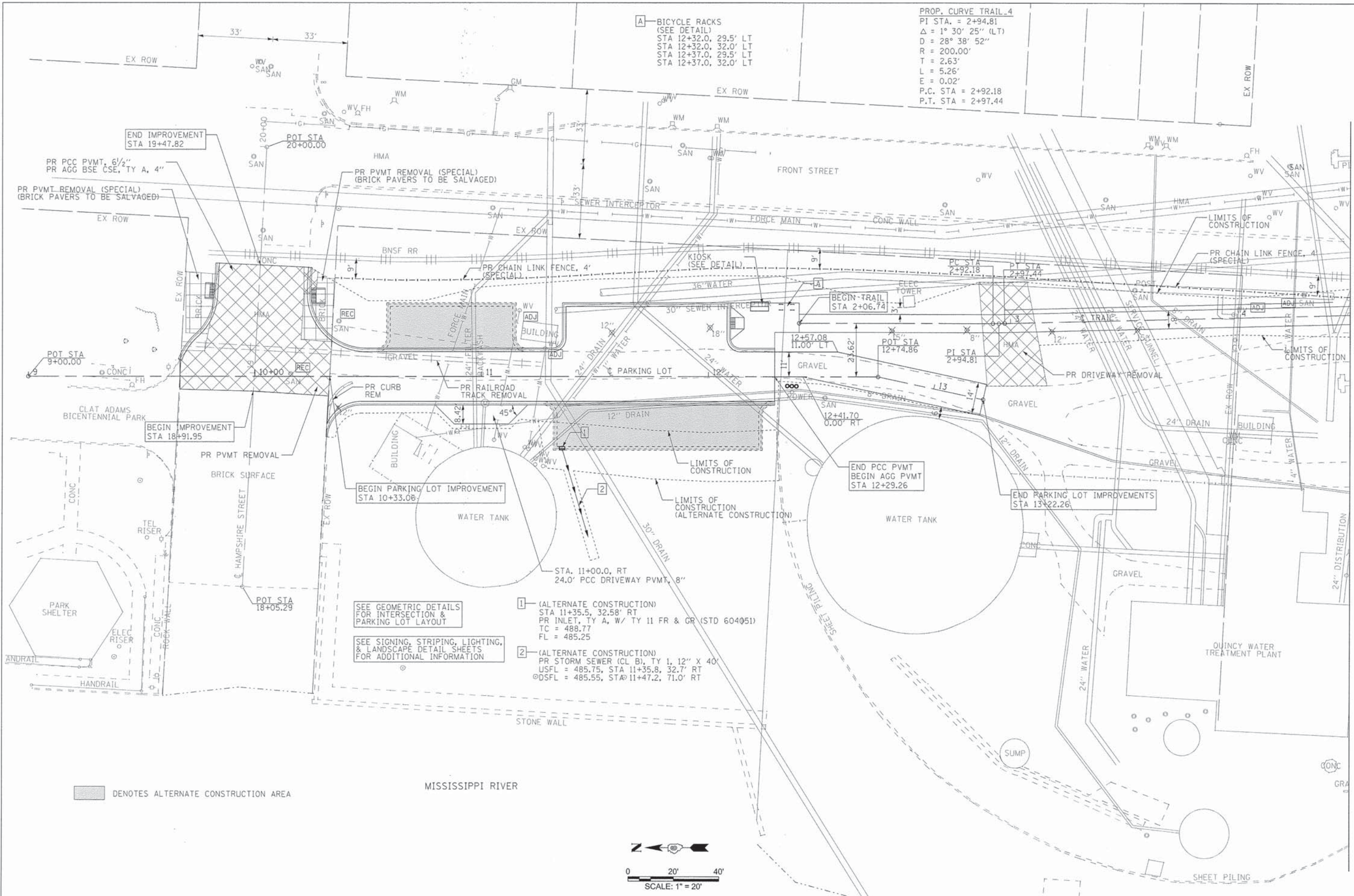
ALIGNMENT COORDINATES - PARKING LOT			
	STATION	N	E
POT	9+00.00	10,823.9131	10,293.0209
POT	12+74.86	10,449.1830	10,302.8471
POT	13+22.26	10,402.5990	10,294.0579

ALIGNMENT COORDINATES - TRAIL			
	STATION	N	E
POT	2+06.74	10,484.6490	10,325.5425
PC	2+92.18	10,399.2330	10,327.7823
PI	2+94.81	10,396.6039	10,327.8512
PT	2+97.44	10,393.9775	10,327.9893
PC	4+80.89	10,210.7867	10,337.6184
PI	4+82.05	10,209.6223	10,337.6796
PT	4+83.22	10,208.4586	10,337.7544
PC	5+57.80	10,134.0366	10,342.5370
PI	5+59.21	10,132.6262	10,342.6277
PT	5+60.62	10,131.2172	10,342.7382
PC	7+20.38	9,971.9531	10,355.2355
PI	7+25.62	9,966.7204	10,355.6461
PT	7+30.87	9,961.4735	10,355.7817
PC	8+09.29	9,883.0799	10,357.8073
PI	8+68.10	9,824.2877	10,359.3264
PT	9+26.38	9,767.4525	10,374.4461
PC	9+28.85	9,765.0656	10,375.0811
PI	9+37.13	9,757.0642	10,377.2097
PT	9+45.39	9,748.8771	10,378.4447
PC	9+66.28	9,728.2235	10,381.5603
PI	9+84.92	9,709.7914	10,384.3408
PC	10+01.96	9,694.0376	10,374.3764
PT	10+01.96	9,694.0376	10,374.3764
PI	10+16.41	9,681.8227	10,366.6504
PT	10+30.10	9,667.3695	10,366.6332
POT	10+90.10	9,607.3695	10,366.5617



PROP. CURVE TRAIL-4
 PI STA. = 2+94.81
 $\Delta = 1^\circ 30' 25''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 2.63'$
 $L = 5.26'$
 $E = 0.02'$
 P.C. STA = 2+92.18
 P.T. STA = 2+97.44

A-BICYCLE RACKS
 (SEE DETAIL)
 STA 12+32.0, 29.5' LT
 STA 12+32.0, 32.0' LT
 STA 12+37.0, 29.5' LT
 STA 12+37.0, 32.0' LT

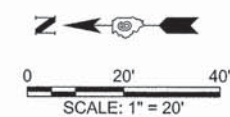


SEE GEOMETRIC DETAILS FOR INTERSECTION & PARKING LOT LAYOUT

SEE SIGNING, STRIPING, LIGHTING, & LANDSCAPE DETAIL SHEETS FOR ADDITIONAL INFORMATION

- 1 (ALTERNATE CONSTRUCTION)
 STA 11+35.5, 32.58' RT
 PR INLET, TY A, W/ TY 11 FR & GR (STD 604051)
 TC = 488.77
 FL = 485.25
- 2 (ALTERNATE CONSTRUCTION)
 PR STORM SEWER (CL B), TY 1, 12" X 40"
 USFL = 485.75, STA 11+35.8, 32.7' RT
 @DSFL = 485.55, STA 11+47.2, 71.0' RT

■ DENOTES ALTERNATE CONSTRUCTION AREA



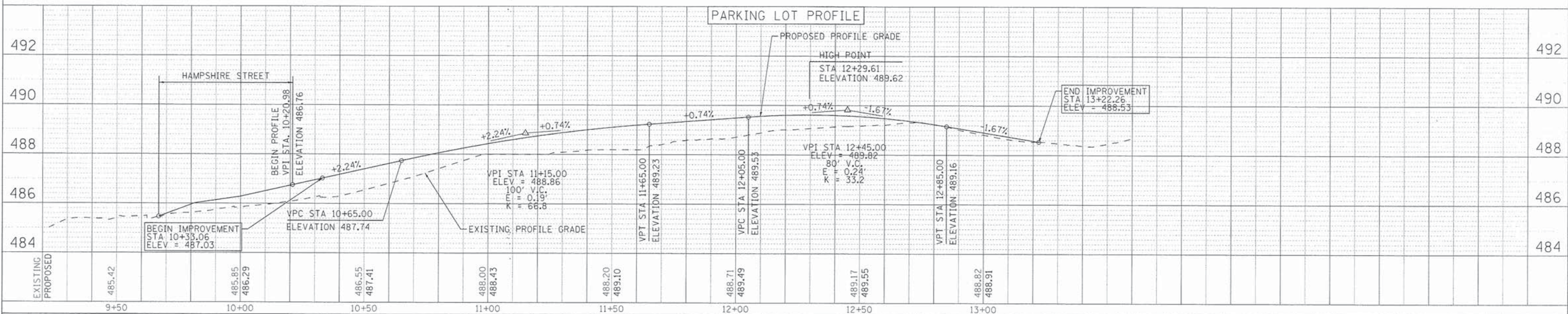
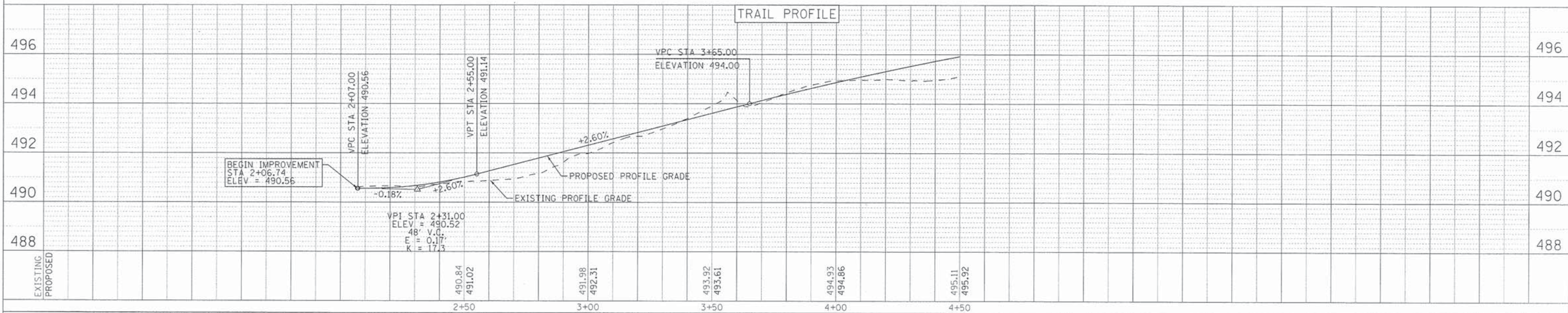
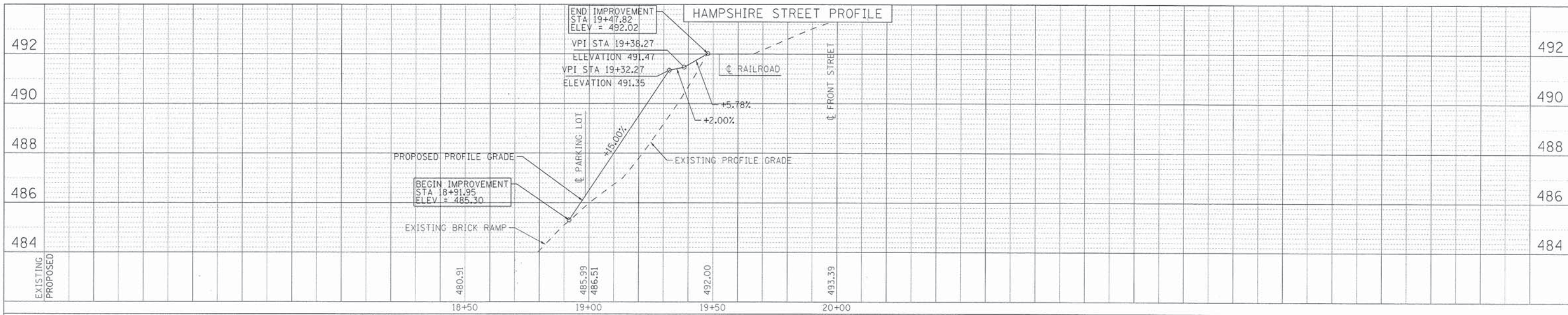
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PLOT DATE = 5/2/2013		DATE -	REVISED -

**CITY OF QUINCY
 RIVERFRONT CONNECTOR CORRIDOR**

**HAMPSHIRE STREET /PARKING LOT
 PLAN SHEET**

SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. xxx+xx TO STA. xxx+xx

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00315-00-BT	ADAMS	69	20
CONTRACT NO. 33602				
ILLINOIS FED. AID PROJECT				



PROFILE NO. DATE
 SHEET NO. DATE
 DRAWN BY DATE
 CHECKED BY DATE
 DESIGNED BY DATE

FILE NAME -	USER NAME -	DESIGNED -	REVISED -
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PLOT DATE = 5/2/2013		DATE -	REVISED -

**CITY OF QUINCY
 RIVERFRONT CONNECTOR CORRIDOR**

**HAMPSHIRE STREET /PARKING LOT
 PROFILE SHEET**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. XXX+XX TO STA. XXX+XX

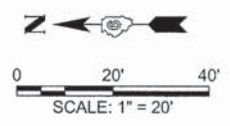
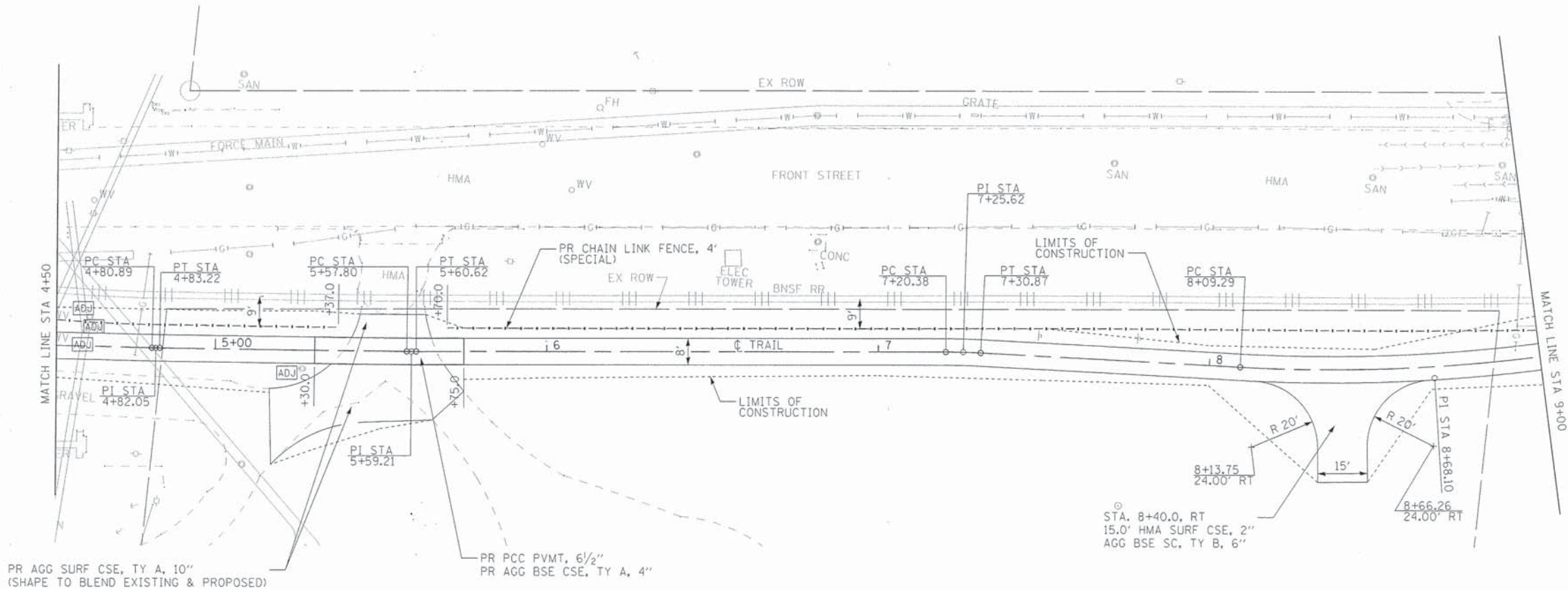
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00315-00-BT	ADAMS	69	21
CONTRACT NO.			93602	
ILLINOIS FED. AID PROJECT				

PROP. CURVE TRAIL_5
 PI STA. = 4+82.05
 $\Delta = 0^\circ 40' 05''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 1.17'$
 $L = 2.33'$
 $E = 0.00'$
 P.C. STA = 4+80.89
 P.T. STA = 4+83.22

PROP. CURVE TRAIL_6
 PI STA. = 5+59.21
 $\Delta = 0^\circ 48' 35''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 1.41'$
 $L = 2.83'$
 $E = 0.00'$
 P.C. STA = 5+57.80
 P.T. STA = 5+60.62

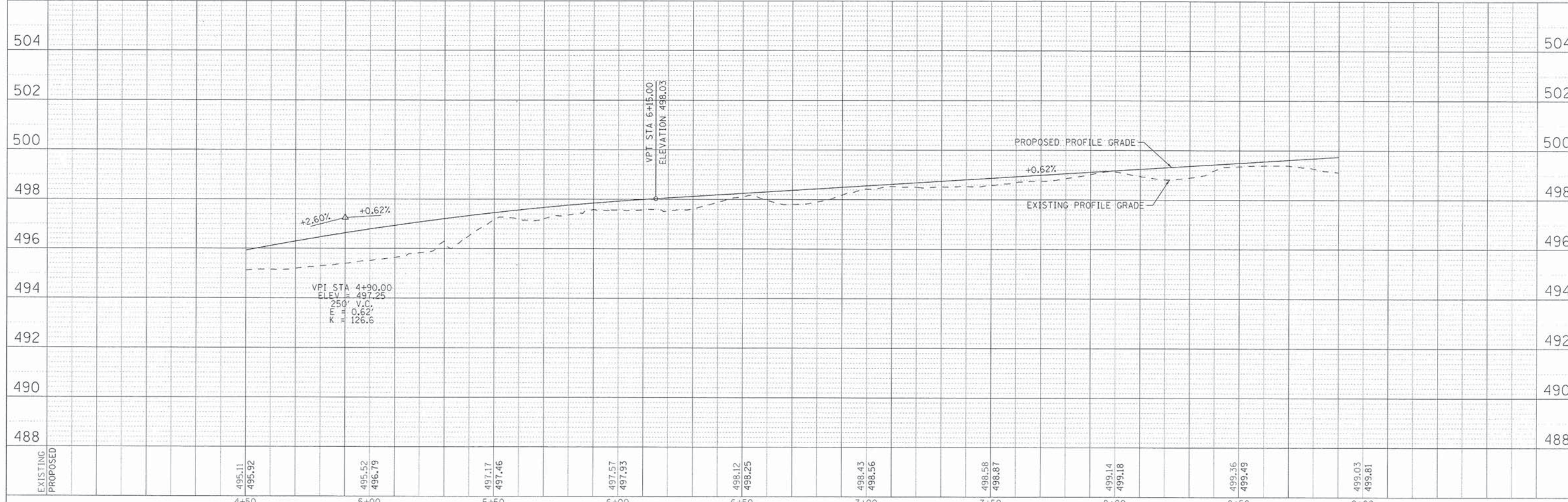
PROP. CURVE TRAIL_7
 PI STA. = 7+25.62
 $\Delta = 3^\circ 00' 24''$ (RT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 5.25'$
 $L = 10.50'$
 $E = 0.07'$
 P.C. STA = 7+20.38
 P.T. STA = 7+30.87

PROP. CURVE TRAIL_8
 PI STA. = 8+68.10
 $\Delta = 13^\circ 25' 01''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 58.81'$
 $L = 117.09'$
 $E = 3.45'$
 P.C. STA = 8+09.29
 P.T. STA = 9+26.38



PLAN	DATE
REVISED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

PROFILE	DATE
REVISED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	



EXISTING	495.11	495.92	495.52	496.79	497.17	497.46	497.57	497.93	498.12	498.25	498.43	498.56	498.58	498.87	499.14	499.18	499.36	499.49	499.03	499.81
PROPOSED																				
	4+50	5+00	5+50	6+00	6+50	7+00	7+50	8+00	8+50	9+00										

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 USER NAME: abb
 PLOT SCALE: 1/8" = 1' IN.
 PLOT DATE: 5/22/2013

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**CITY OF QUINCY
 RIVERFRONT CONNECTOR CORRIDOR**

**RIVERFRONT TRAIL
 PLAN & PROFILE SHEET**
 SCALE: 1"=20' SHEET NO. 3 OF 4 SHEETS STA. 4+50 TO STA. 9+00

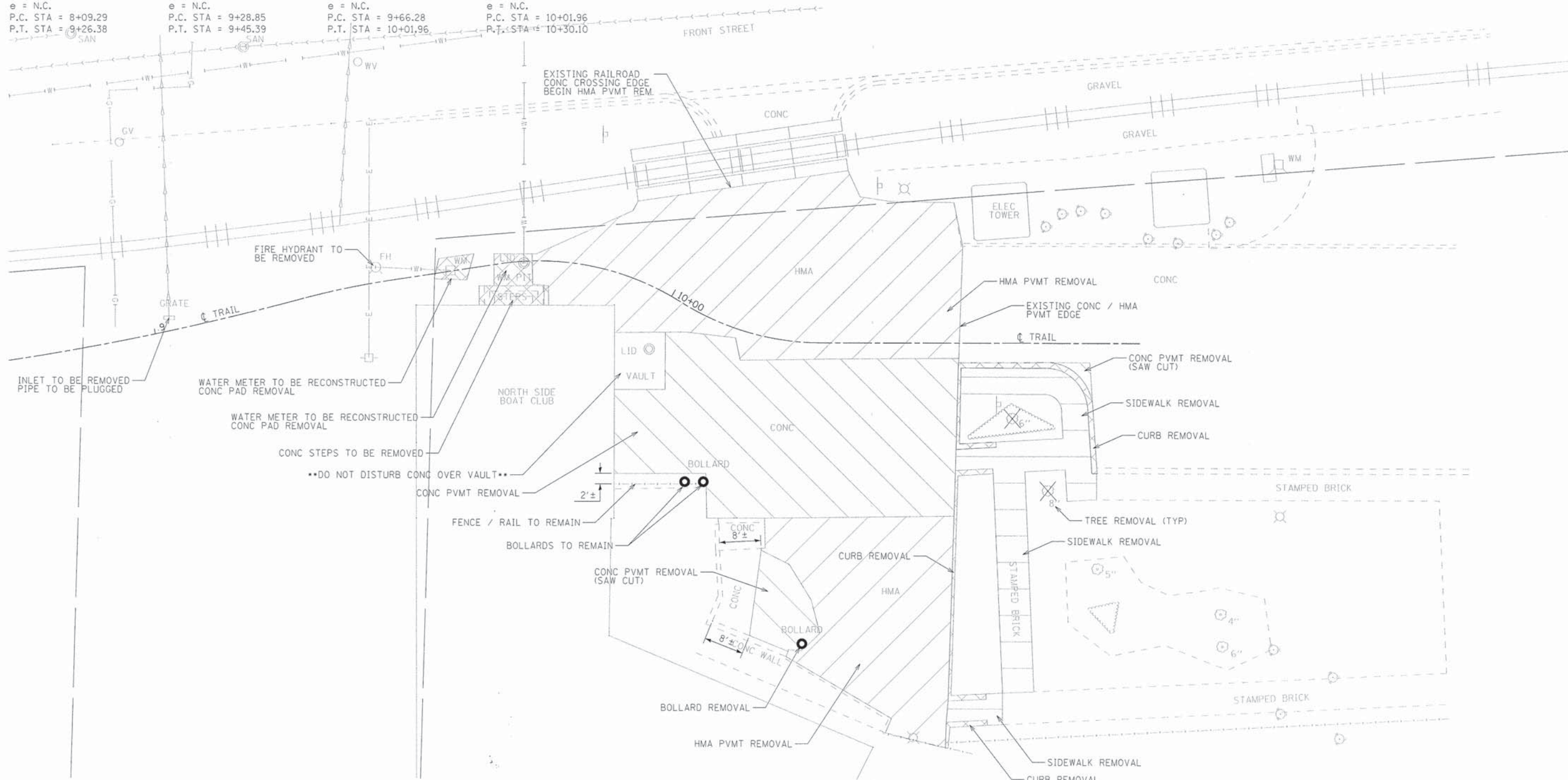
F.A.P. RTE. SECTION 10-00315-00-BT COUNTY ADAMS TOTAL SHEETS 69 SHEET NO. 22 CONTRACT NO. ILLINOIS FED. AID PROJECT 93602

PROP. CURVE TRAIL_8
 PI STA. = 8+68.10
 $\Delta = 13^\circ 25' 01''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 58.81'$
 $L = 117.09'$
 $E = 3.45'$
 $e = N.C.$
 P.C. STA = 8+09.29
 P.T. STA = 9+26.38

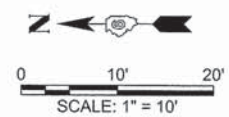
PROP. CURVE TRAIL_9
 PI STA. = 9+37.13
 $\Delta = 6^\circ 19' 08''$ (RT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 8.28'$
 $L = 16.54'$
 $E = 0.23'$
 $e = N.C.$
 P.C. STA = 9+28.85
 P.T. STA = 9+45.39

PROP. CURVE TRAIL_10
 PI STA. = 9+84.92
 $\Delta = 40^\circ 53' 31''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 18.64'$
 $L = 35.69'$
 $E = 3.36'$
 $e = N.C.$
 P.C. STA = 9+66.28
 P.T. STA = 10+01.96

PROP. CURVE TRAIL_11
 PI STA. = 10+16.41
 $\Delta = 32^\circ 14' 43''$ (LT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 14.45'$
 $L = 28.14'$
 $E = 2.05'$
 $e = N.C.$
 P.C. STA = 10+01.96
 P.T. STA = 10+30.10



SAW CUTS REQUIRED FOR REMOVAL ITEMS SHALL NOT BE PAID FOR SEPARATELY. THE COST WILL BE INCLUDED IN THE RESPECTIVE REMOVAL PAY ITEMS.



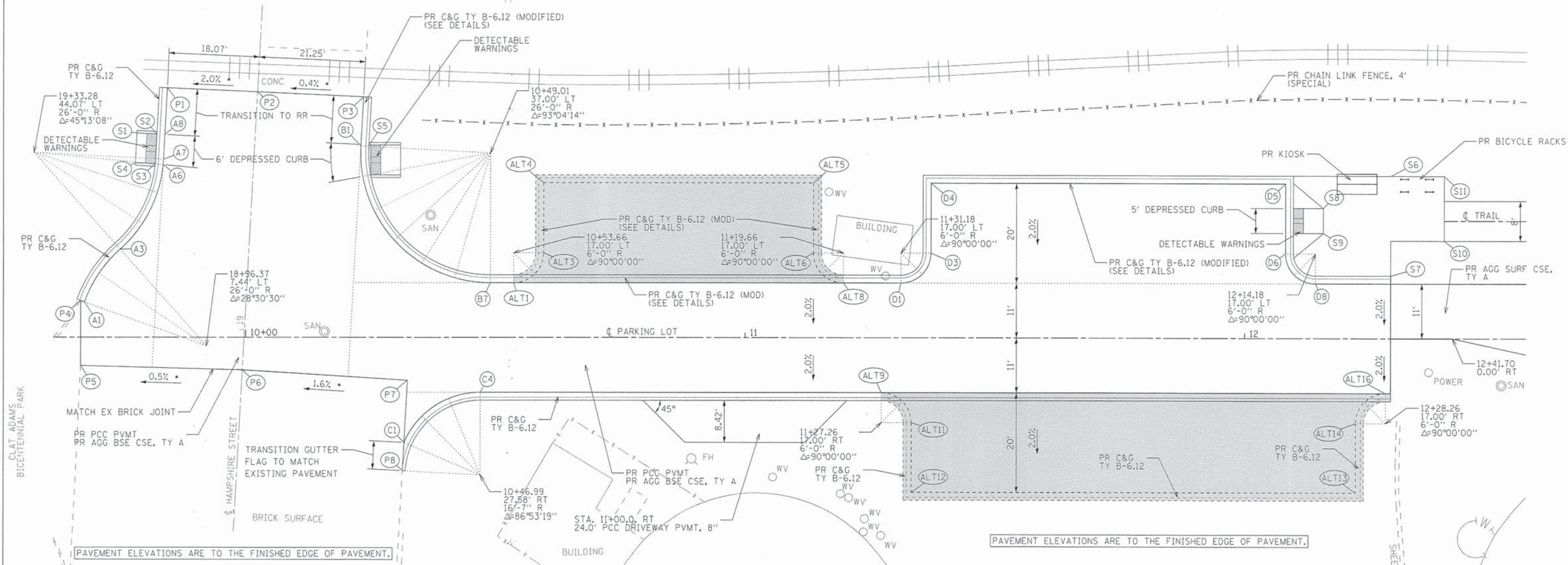
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PLOT SCALE	CHECKED	DATE	REVISED
1/8" = 1'-0"		5/2/2013	

**CITY OF QUINCY
 RIVERFRONT CONNECTOR CORRIDOR**

**NORTH SIDE BOAT CLUB AREA
 REMOVAL PLAN SHEET**

SCALE: 1"=10' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00315-00-BT	ADAMS	69	24
				CONTRACT NO.
				ILLINOIS FED. AID PROJECT 93602



HAMPSHIRE STREET C & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
18+91.95	18.07' LT	485.18	21.25' RT	485.30	21.25' RT	485.65
19+00.00	18.07' LT	486.38	21.25' RT	486.51	21.25' RT	486.81
19+10.00	18.07' LT	487.83	21.25' RT	488.01	21.25' RT	488.26
19+20.00	18.07' LT	489.28	21.25' RT	489.51	21.25' RT	489.72
19+30.00	18.07' LT	490.73	21.25' RT	491.01	21.25' RT	491.17
19+40.00	18.07' LT	491.24	21.25' RT	491.57	21.25' RT	491.69
19+47.82	18.07' LT	491.63	21.25' RT	492.02	21.25' RT	492.08

• MATCH EXISTING ELEVATION

HAMPSHIRE STREET ELEVATION

POINT	STATION	OFFSET	ELEVATION
A1	19+03.85	32.34' LT	485.99
A2	19+09.75	29.74' LT	487.00
A3	19+14.83	25.76' LT	488.23
A4	19+20.23	21.59' LT	489.22
A5	19+26.52	18.96' LT	490.22
A6	19+32.20	18.09' LT	491.05
A7	19+33.28	18.07' LT	491.08
A8	19+38.27	18.07' LT	491.15

• MATCH EXISTING ELEVATION

HAMPSHIRE STREET ELEVATION

POINT	STATION	OFFSET	ELEVATION
B1	19+38.08	21.25' RT	491.59
B2	19+32.01	21.97' RT	491.47
B3	19+25.31	24.60' RT	490.52
B4	19+19.59	28.97' RT	489.66
B5	19+15.29	34.74' RT	489.05
B6	19+12.73	41.47' RT	488.70
B7	19+12.12	48.64' RT	488.62

HAMPSHIRE STREET ELEVATION

POINT	STATION	OFFSET	ELEVATION
C1	18+79.17	33.12' RT	484.30
C2	18+84.65	36.44' RT	484.99
C3	18+88.46	41.59' RT	485.68
C4	18+90.04	47.81' RT	486.07

• MATCH EXISTING ELEVATION

HAMPSHIRE STREET ELEVATION

POINT	STATION	OFFSET	ELEVATION
P1	19+47.64	18.07' LT	491.63
P2	19+47.82	0.00' RT	492.02
P3	19+47.95	21.25' RT	492.08
P4	19+04.08	33.10' LT	485.95
P5	18+91.07	32.42' LT	485.11
P6	18+91.95	0.00' RT	485.30
P7	18+91.66	33.08' RT	485.84
P8	18+73.55	33.12' RT	483.66

• MATCH EXISTING ELEVATION

PARKING LOT ELEVATION

ALT	STATION	OFFSET	ELEVATION
ALT1	10+53.66	11.00' LT	488.65
ALT2	10+57.90	12.76' LT	488.77
ALT3	10+59.66	17.00' LT	488.99
ALT4	10+59.66	31.00' LT	489.69
ALT5	11+13.66	31.00' LT	489.31
ALT6	11+13.66	17.00' LT	489.01
ALT7	11+15.42	12.76' LT	488.94
ALT8	11+19.66	11.00' RT	488.96
ALT9	11+27.26	11.00' RT	488.62
ALT10	11+31.51	12.76' RT	488.64
ALT11	11+33.26	17.00' RT	488.58
ALT12	11+33.26	31.00' RT	488.30
ALT13	12+22.26	31.00' RT	488.99
ALT14	12+22.26	17.00' RT	489.27
ALT15	12+24.02	12.76' RT	489.36
ALT16	12+28.26	11.00' RT	489.40

PARKING LOT C & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+32.37	11.00' LT	488.51	11.00' RT	487.01	11.00' RT	485.52
10+40.00	11.00' LT	488.56	11.00' RT	487.18	11.00' RT	485.81
10+50.00	11.00' LT	488.63	11.00' RT	487.41	11.00' RT	486.19
10+60.00	11.00' LT	488.69	11.00' RT	487.63	11.00' RT	486.57
10+70.00	11.00' LT	488.76	11.00' RT	487.85	11.00' RT	486.95
10+80.00	11.00' LT	488.81	11.00' RT	488.06	11.00' RT	487.31
10+90.00	11.00' LT	488.85	11.00' RT	488.25	11.00' RT	487.66
11+00.00	11.00' LT	488.87	11.00' RT	488.43	11.00' RT	488.00
11+10.00	11.00' LT	488.87	11.00' RT	488.60	11.00' RT	488.16
11+13.66	11.00' LT	488.87	11.00' RT	488.65	11.00' RT	488.43

HAMPSHIRE STREET ELEVATION

POINT	STATION	OFFSET	ELEVATION
S1	19+38.27	23.67' LT	491.35
S2	19+38.27	19.65' LT	491.15
S3	19+32.27	19.67' LT	491.04
S4	19+32.27	23.67' LT	491.24
S5	19+38.35	22.84' RT	491.66

PARKING LOT ELEVATION

POINT	STATION	OFFSET	ELEVATION
D1	11+31.18	11.00'	489.11
D2	11+35.43	12.76'	489.20
D3	11+37.18	17.00'	489.31
D4	11+37.18	31.00'	489.59
D5	12+08.18	31.00'	490.17
D6	12+08.18	17.00'	489.89
D7	12+09.94	12.75'	489.81
D8	12+14.18	11.00'	489.80

PARKING LOT ELEVATION

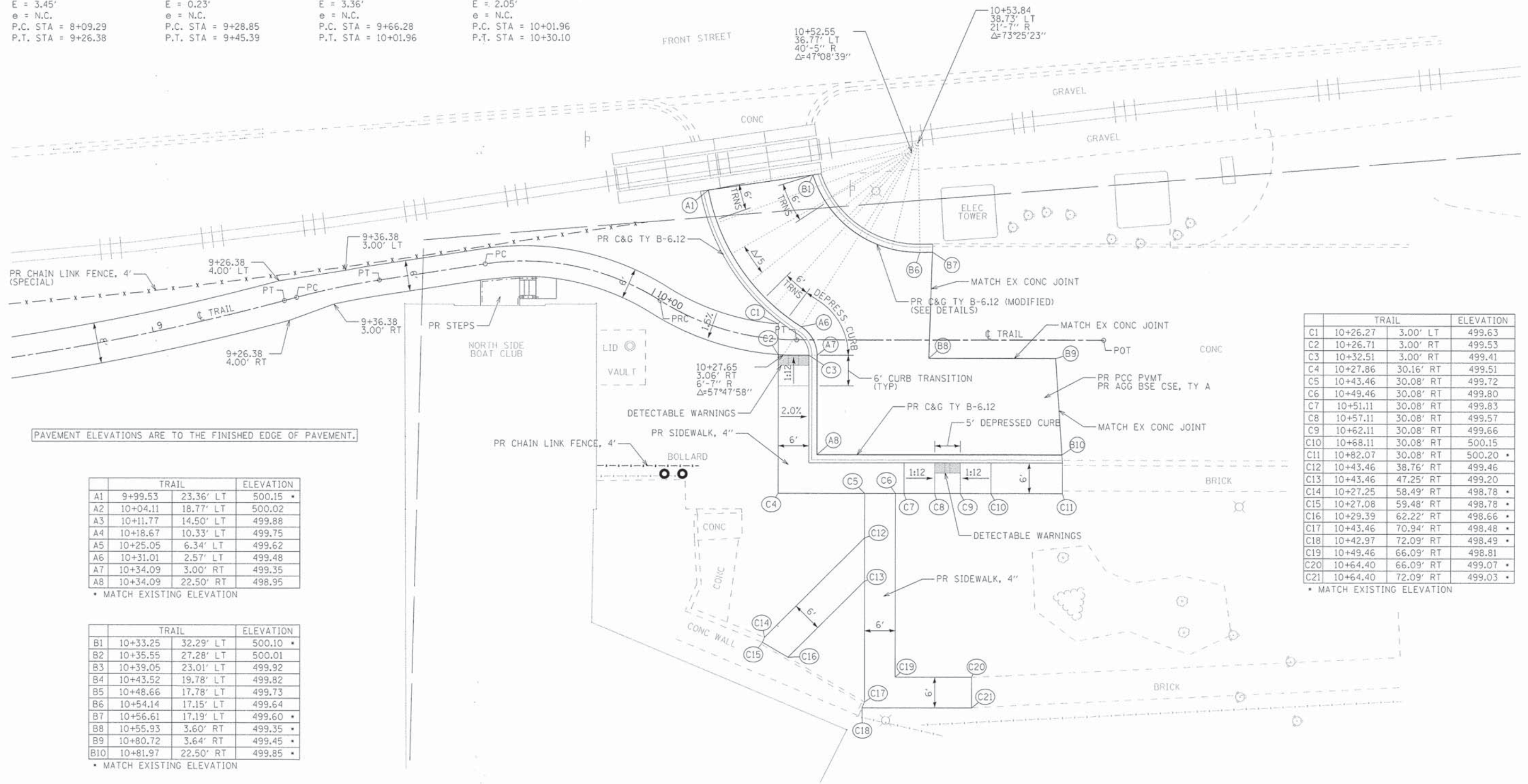
POINT	STATION	OFFSET	ELEVATION
S5	10+24.64	38.58' LT	491.66
S7	12+29.26	32.58' LT	490.76
S8	12+29.26	12.58' LT	490.36
S9	12+15.76	26.12' LT	490.60
S10	12+15.76	21.12' LT	490.50
S11	12+40.00	19.62' LT	490.48
S12	12+40.00	32.58' LT	490.74

PROP. CURVE TRAIL_8
 PI STA. = 8+68.10
 $\Delta = 13^\circ 25' 01''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 58.81'$
 $L = 117.09'$
 $E = 3.45'$
 $e = N.C.$
 P.C. STA = 8+09.29
 P.T. STA = 9+26.38

PROP. CURVE TRAIL_9
 PI STA. = 9+37.13
 $\Delta = 6^\circ 19' 08''$ (RT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 8.28'$
 $L = 16.54'$
 $E = 0.23'$
 $e = N.C.$
 P.C. STA = 9+28.85
 P.T. STA = 9+45.39

PROP. CURVE TRAIL_10
 PI STA. = 9+84.92
 $\Delta = 40^\circ 53' 31''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 18.64'$
 $L = 35.69'$
 $E = 3.36'$
 $e = N.C.$
 P.C. STA = 9+66.28
 P.T. STA = 10+01.96

PROP. CURVE TRAIL_11
 PI STA. = 10+16.41
 $\Delta = 32^\circ 14' 43''$ (LT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 14.45'$
 $L = 28.14'$
 $E = 2.05'$
 $e = N.C.$
 P.C. STA = 10+01.96
 P.T. STA = 10+30.10

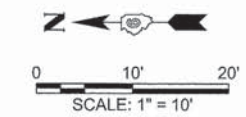


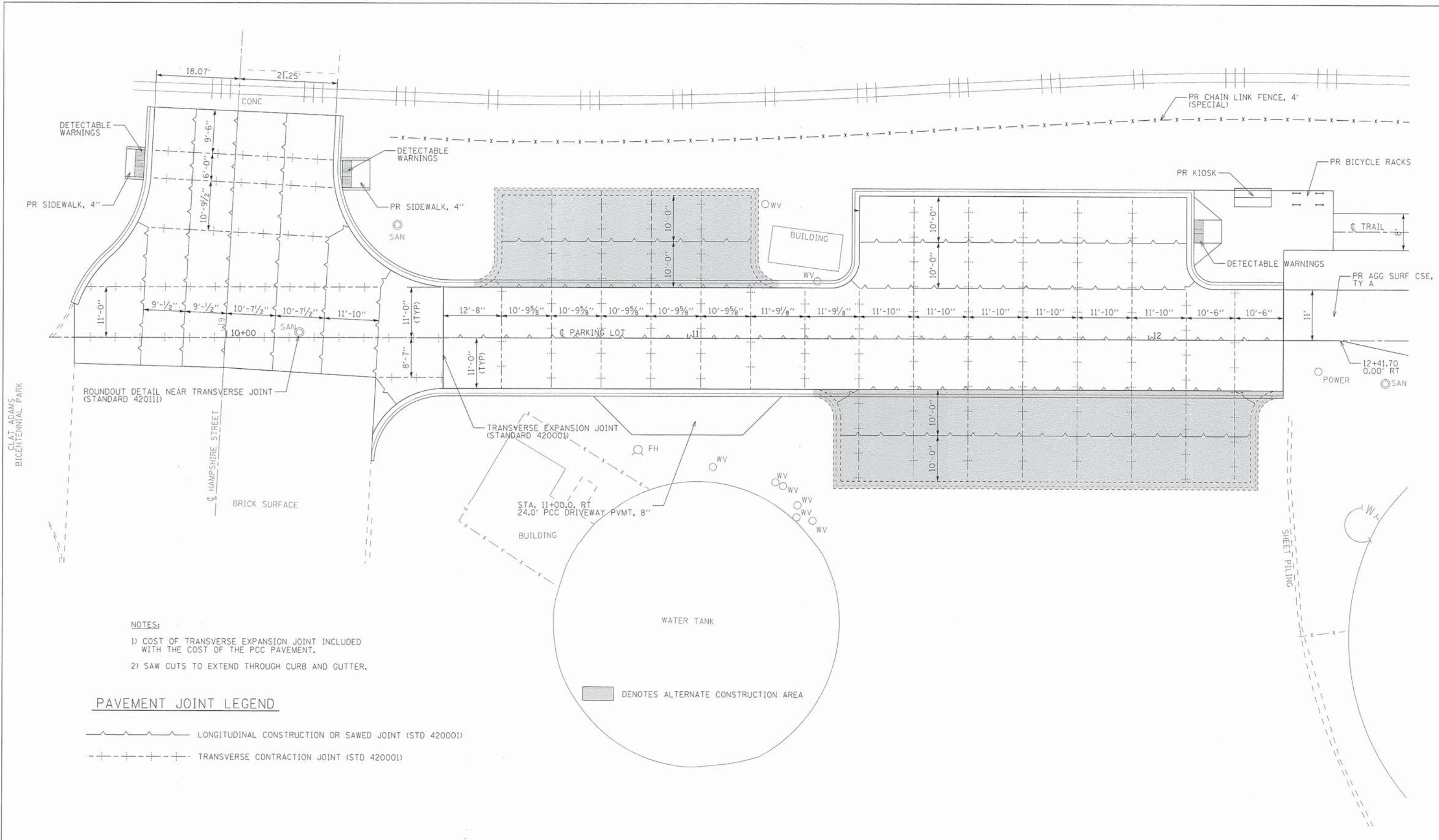
PAVEMENT ELEVATIONS ARE TO THE FINISHED EDGE OF PAVEMENT.

	TRAIL	ELEVATION
A1	9+99.53 23.36' LT	500.15
A2	10+04.11 18.77' LT	500.02
A3	10+11.77 14.50' LT	499.88
A4	10+18.67 10.33' LT	499.75
A5	10+25.05 6.34' LT	499.62
A6	10+31.01 2.57' LT	499.48
A7	10+34.09 3.00' RT	499.35
A8	10+34.09 22.50' RT	498.95

	TRAIL	ELEVATION
B1	10+33.25 32.29' LT	500.10
B2	10+35.55 27.28' LT	500.01
B3	10+39.05 23.01' LT	499.92
B4	10+43.52 19.78' LT	499.82
B5	10+48.66 17.78' LT	499.73
B6	10+54.14 17.15' LT	499.64
B7	10+56.61 17.19' LT	499.60
B8	10+55.93 3.60' RT	499.35
B9	10+80.72 3.64' RT	499.45
B10	10+81.97 22.50' RT	499.85

	TRAIL	ELEVATION
C1	10+26.27 3.00' LT	499.63
C2	10+26.71 3.00' RT	499.53
C3	10+32.51 3.00' RT	499.41
C4	10+27.86 30.16' RT	499.51
C5	10+43.46 30.08' RT	499.72
C6	10+49.46 30.08' RT	499.80
C7	10+51.11 30.08' RT	499.83
C8	10+57.11 30.08' RT	499.57
C9	10+62.11 30.08' RT	499.66
C10	10+68.11 30.08' RT	500.15
C11	10+82.07 30.08' RT	500.20
C12	10+43.46 38.76' RT	499.46
C13	10+43.46 47.25' RT	499.20
C14	10+27.25 58.49' RT	498.78
C15	10+27.08 59.48' RT	498.78
C16	10+29.39 62.22' RT	498.66
C17	10+43.46 70.94' RT	498.48
C18	10+42.97 72.09' RT	498.49
C19	10+49.46 66.09' RT	498.81
C20	10+64.40 66.09' RT	499.07
C21	10+64.40 72.09' RT	499.03



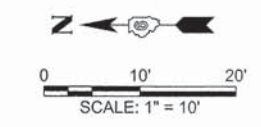


- NOTES:**
- 1) COST OF TRANSVERSE EXPANSION JOINT INCLUDED WITH THE COST OF THE PCC PAVEMENT.
 - 2) SAW CUTS TO EXTEND THROUGH CURB AND GUTTER.

PAVEMENT JOINT LEGEND

- — — — — LONGITUDINAL CONSTRUCTION OR SAWED JOINT (STD 420001)
- - - - - TRANSVERSE CONTRACTION JOINT (STD 420001)

■ DENOTES ALTERNATE CONSTRUCTION AREA



FILE NAME =	USER NAME = ebb	DESIGNED =	REVISED =	CITY OF QUINCY RIVERFRONT CONNECTOR CORRIDOR	PAVEMENT JOINT DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
G:\107\files\100181\05 Plans\Current\10-00315-00-BT-Sht-Pvmt Joints-01.dgn		DRAWN =	REVISED =			10-00315-00-BT	ADAMS	69	27		
PLOT SCALE = 18.00000 "/td> <td></td> <td>CHECKED =</td> <td>REVISED =</td> <td colspan="6" style="text-align: right;">CONTRACT NO. 93602</td>		CHECKED =	REVISED =			CONTRACT NO. 93602					
PLOT DATE = 5/2/2013		DATE =	REVISED =			ILLINOIS FED. AID PROJECT					

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1, and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of the removal and replacing with pcc pavement on Hampshire Street, pcc pavement parking lot, and hot-mix asphalt bicycle / pedestrian trail along Front Street from Hampshire Street to Jersey Street in Quincy, Illinois.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Excavation will be completed to grade out for proposed roadway ditches and waterways, and to lower the existing ground elevation to meet the proposed roadway grade/vertical alignment.
2. Embankment will be completed in fill areas to raise the existing ground elevation to meet the proposed roadway grade/vertical alignment.
3. Drainage structures will be installed before and/or during the construction of the excavation and embankment to allow proper drainage across the proposed four lane facility.
4. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
5. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
6. Final grading, paving and other miscellaneous items.
7. Stage construction of the above items will be required to maintain traffic as discussed previously herein.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be 1.8 acres in which 1.1 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

1. Mississippi River

FILE NAME : ip:\107\files\1000181\205_plans\current\10-00315-00-BT-5ht-04PPP_02.dgn	USER NAME : jabb	DESIGNED : DRAWN	REVISED : REVISED	CITY OF QUINCY RIVERFRONT CONNECTOR CORRIDOR	STORM WATER POLLUTION PREVENTION PLAN GENERAL NOTES	F.A.P. RTE.	SECTION 10-00315-00-BT	COUNTY ADAMS	TOTAL SHEETS 69	SHEET NO. 29
PLOT SCALE : AS SHOWN / IN.	CHECKED : DATE	REVISED : REVISED	SCALE: none			SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. ILLINOIS FED. AID PROJECT	
PLOT DATE : 5/2/2013	DATE	REVISED : REVISED	93602							

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previously herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporarily seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporarily divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

- (f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
- (g) Qualified personnel shall inspect the project at least every 7 calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater as noted in BDE 2342.
- (h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer.
- (i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the various temporary erosion control systems. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION






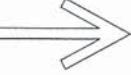
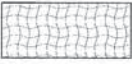
1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

FILE NAME: 40107105\BIB1M5 plans\quincy\10-00315-00-BT-5ht-5WPPP-Genlgn	USER NAME: ebb	DESIGNED: -	REVISED: -	CITY OF QUINCY RIVERFRONT CONNECTOR CORRIDOR	STORM WATER POLLUTION PREVENTION PLAN GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE: 50,000% = 1 IN.	CHECKED: -	REVISED: -	10-00315-00-BT			ADAMS	69	30		
PLOT DATE: 5/22/2013	DATE: -	REVISED: -	CONTRACT NO.							
			ILLINOIS FED. AID PROJECT 93602							
					SCALE: none	SHEET NO. 2 OF 2 SHEETS		STA.	TO STA.	

LEGEND

(FOR THE STORM WATER POLLUTION PREVENTION PLAN SHEETS)

ITEM	SYMBOL
TEMPORARY DITCH CHECKS, AGGREGATE (STD 280001) [AGGREGATE DITCH CHECKS], 3.0 TONS PER EACH	
INLET AND PIPE PROTECTION (STD 280001) [HAY BALES NOT ALLOWED]	
PERIMETER EROSION BARRIER	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	
HEAVY DUTY EROSION CONTROL BLANKET	
ITEM PLACED DURING STAGE 1 CONSTRUCTION	①

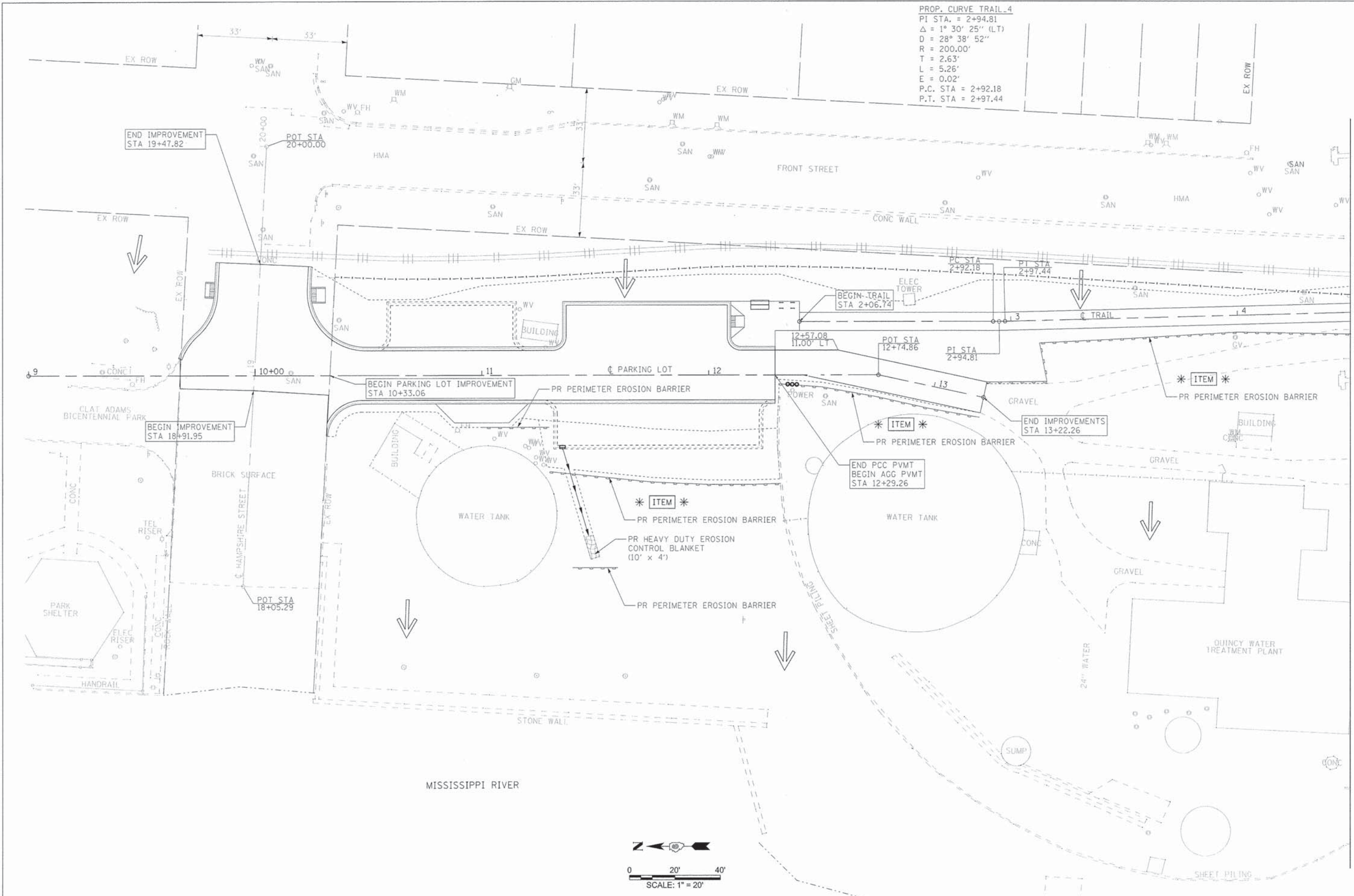
GENERAL NOTES:

All items shall be constructed as shown on this sheet,
on Standard 280001, and as directed by the Engineer.

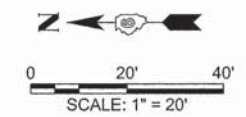
Mulch shall be method 2, unless otherwise noted.

Aggregate ditch checks shall be paid for as "AGGREGATE DITCH CHECKS".

PROP. CURVE TRAIL-4
 PI STA. = 2+94.81
 $\Delta = 1^\circ 30' 25''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 2.63'$
 $L = 5.26'$
 $E = 0.02'$
 P.C. STA = 2+92.18
 P.T. STA = 2+97.44



MATCH LINE STA 4+50



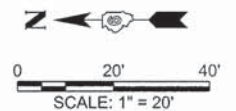
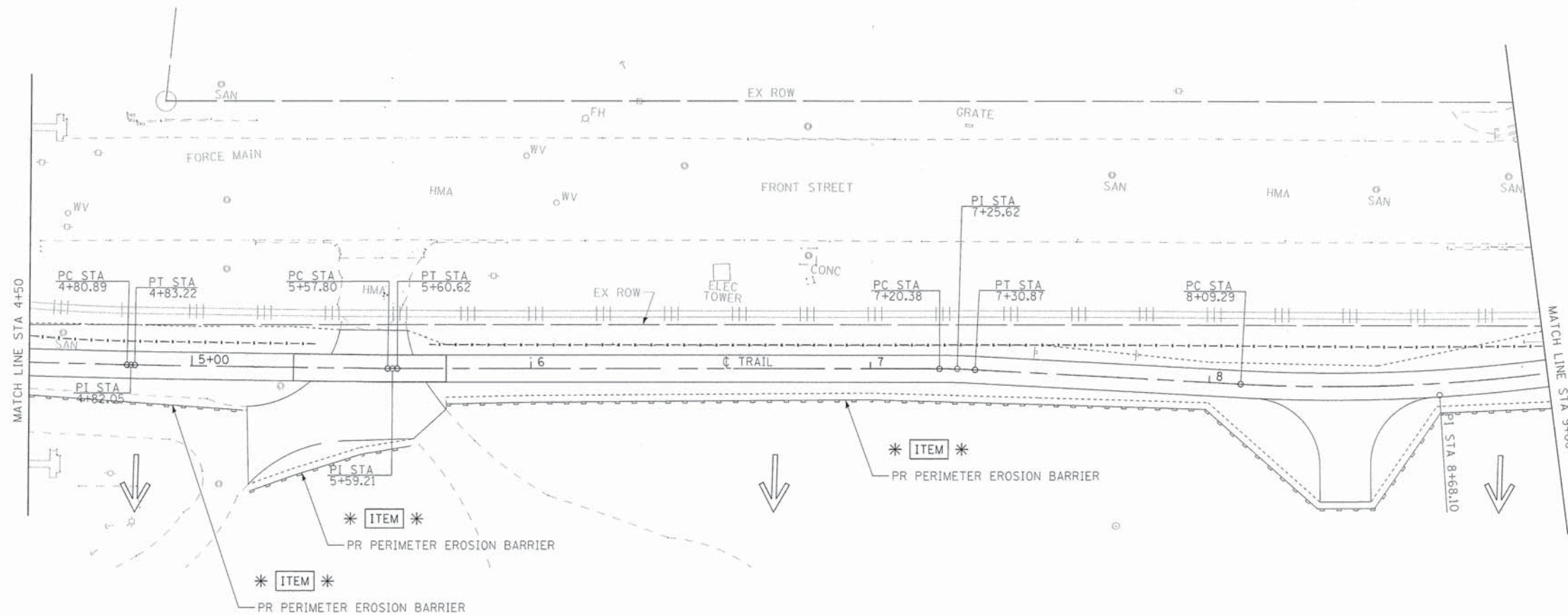
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	SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. xxx+xx TO STA. xxx+xx				

PROP. CURVE TRAIL_5
 PI STA. = 4+82.05
 $\Delta = 0^\circ 40' 05''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 1.17'$
 $L = 2.33'$
 $E = 0.00'$
 P.C. STA = 4+80.89
 P.T. STA = 4+83.22

PROP. CURVE TRAIL_6
 PI STA. = 5+59.21
 $\Delta = 0^\circ 48' 35''$ (LT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 1.41'$
 $L = 2.83'$
 $E = 0.00'$
 P.C. STA = 5+57.80
 P.T. STA = 5+60.62

PROP. CURVE TRAIL_7
 PI STA. = 7+25.62
 $\Delta = 3^\circ 00' 24''$ (RT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 5.25'$
 $L = 10.50'$
 $E = 0.07'$
 P.C. STA = 7+20.38
 P.T. STA = 7+30.87

PROP. CURVE TRAIL_8
 PI STA. = 8+68.10
 $\Delta = 13^\circ 25' 01''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 58.81'$
 $L = 117.09'$
 $E = 3.45'$
 P.C. STA = 8+09.29
 P.T. STA = 9+26.38

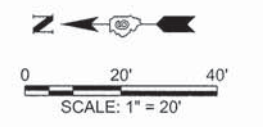
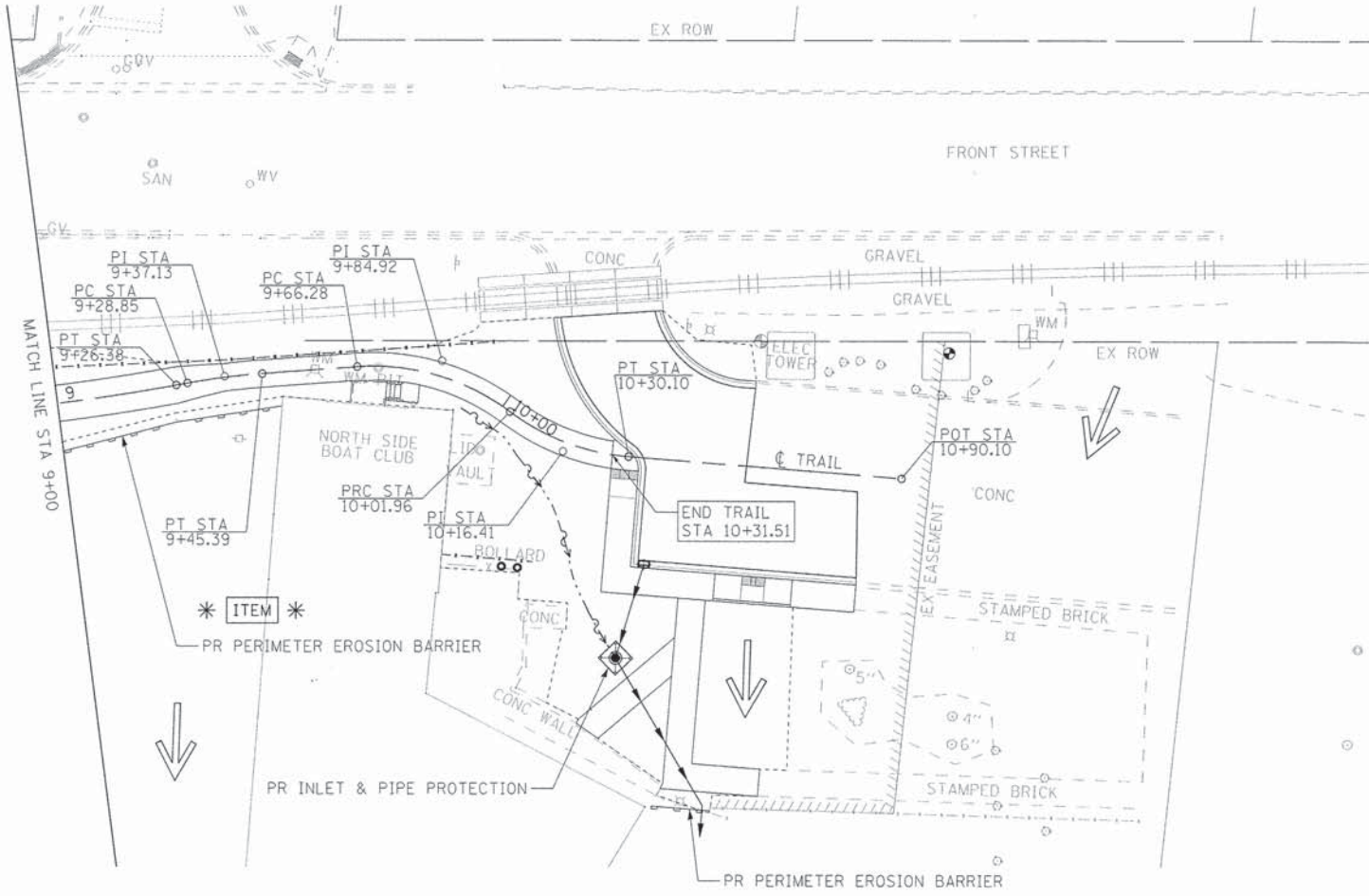


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PLOT DATE = 5/22/2013		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS		STA.	TO STA.	

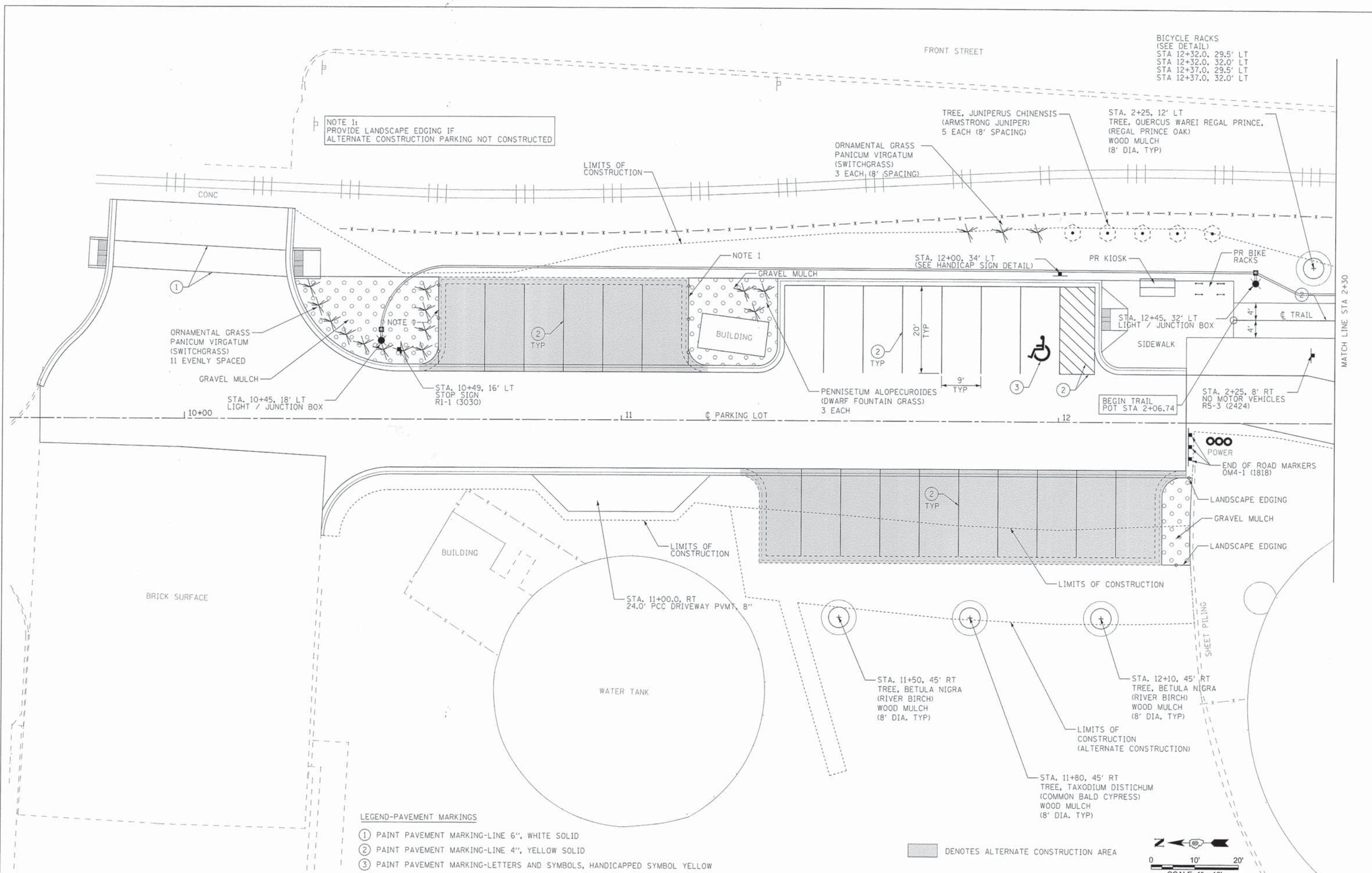
PROP. CURVE TRAIL_9
 PI STA. = 9+37.13
 $\Delta = 6^\circ 19' 08''$ (RT)
 D = 38° 11' 50"
 R = 150.00'
 T = 8.28'
 L = 16.54'
 E = 0.23'
 e = N.C.
 P.C. STA = 9+28.85
 P.T. STA = 9+45.39

PROP. CURVE TRAIL_11
 PI STA. = 10+16.41
 $\Delta = 32^\circ 14' 43''$ (LT)
 D = 114° 35' 30"
 R = 50.00'
 T = 14.45'
 L = 28.14'
 E = 2.05'
 e = N.C.
 P.C. STA = 10+01.96
 P.T. STA = 10+30.10

PROP. CURVE TRAIL_10
 PI STA. = 9+84.92
 $\Delta = 40^\circ 53' 31''$ (RT)
 D = 114° 35' 30"
 R = 50.00'
 T = 18.64'
 L = 35.69'
 E = 3.36'
 e = N.C.
 P.C. STA = 9+66.28
 P.T. STA = 10+01.96



FILE NAME -	USER NAME - etub	DESIGNED -	REVISED -	CITY OF QUINCY RIVERFRONT CONNECTOR CORRIDOR	STORM WATER POLLUTION PREVENTION PLAN PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20.0000" / 1ft.		CHECKED -	REVISED -			CONTRACT NO.		93602		
PLOT DATE = 5/2/2013		DATE	REVISED			ILLINOIS FED. AID PROJECT				
					SCALE: 1"=20'	SHEET NO. 3 OF 3 SHEETS		STA.	TO STA.	



BICYCLE RACKS
(SEE DETAIL)
STA 12+32.0, 29.5' LT
STA 12+32.0, 32.0' LT
STA 12+37.0, 29.5' LT
STA 12+37.0, 32.0' LT

NOTE 1:
PROVIDE LANDSCAPE EDGING IF
ALTERNATE CONSTRUCTION PARKING NOT CONSTRUCTED

ORNAMENTAL GRASS
PANICUM VIRGATUM
(SWITCHGRASS)
11 EVENLY SPACED

TREE, JUNIPERUS CHINENSIS
(ARMSTRONG JUNIPER)
5 EACH (8' SPACING)

STA. 2+25, 12' LT
TREE, QUERCUS WAREI REGAL PRINCE,
(REGAL PRINCE OAK)
WOOD MULCH
(8' DIA. TYP)

ORNAMENTAL GRASS
PANICUM VIRGATUM
(SWITCHGRASS)
3 EACH (8' SPACING)

STA. 12+00, 34' LT
(SEE HANDICAP SIGN DETAIL)

PR KIOSK

PR BIKE RACKS

STA. 10+45, 18' LT
LIGHT / JUNCTION BOX

STA. 10+49, 16' LT
STOP SIGN
RI-1 (3030)

PENNISETUM ALOPECUROIDES
(DWARF FOUNTAIN GRASS)
3 EACH

STA. 12+45, 32' LT
LIGHT / JUNCTION BOX

STA. 2+25, 8' RT
NO MOTOR VEHICLES
R5-3 (2424)

BRICK SURFACE

WATER TANK

STA. 11+00.0, RT
24.0' PCC DRIVEWAY PVMT, 8"

STA. 11+50, 45' RT
TREE, BETULA NIGRA
(RIVER BIRCH)
WOOD MULCH
(8' DIA. TYP)

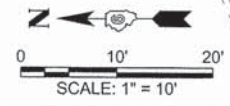
STA. 12+10, 45' RT
TREE, BETULA NIGRA
(RIVER BIRCH)
WOOD MULCH
(8' DIA. TYP)

STA. 11+80, 45' RT
TREE, TAXODIUM DISTICHUM
(COMMON BALD CYPRESS)
WOOD MULCH
(8' DIA. TYP)

LEGEND-PAVEMENT MARKINGS

- ① PAINT PAVEMENT MARKING-LINE 6", WHITE SOLID
- ② PAINT PAVEMENT MARKING-LINE 4", YELLOW SOLID
- ③ PAINT PAVEMENT MARKING-LETTERS AND SYMBOLS, HANDICAPPED SYMBOL YELLOW

■ DENOTES ALTERNATE CONSTRUCTION AREA



FILE NAME =	USER NAME = ebb	DESIGNED -	REVISED -
D:\10\files\100181\05 Plans\Current\10-00315-00-BT-Sht-Landscape-01.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**CITY OF QUINCY
RIVERFRONT CONNECTOR CORRIDOR**

**SIGNING, STRIPING, LIGHTING, & LANDSCAPING
PLAN SHEET**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00315-00-BT	ADAMS	69	35
				CONTRACT NO.
				93602

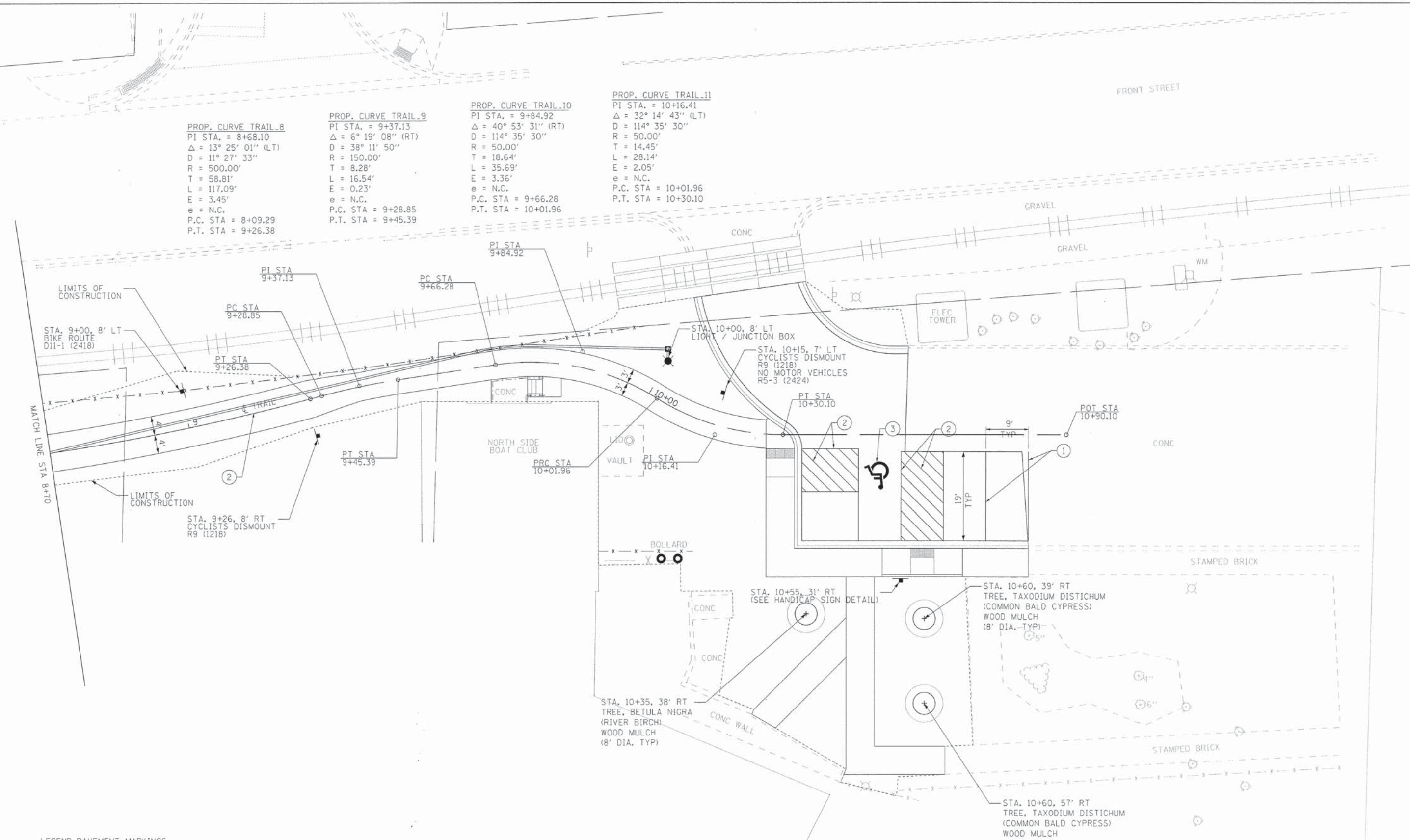
SCALE: 1"=10' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

PROP. CURVE TRAIL_8
 PI STA. = 8+68.10
 $\Delta = 13^\circ 25' 01''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 58.81'$
 $L = 117.09'$
 $E = 3.45'$
 $e = \text{N.C.}$
 P.C. STA = 8+09.29
 P.T. STA = 9+26.38

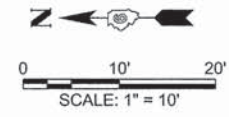
PROP. CURVE TRAIL_9
 PI STA. = 9+37.13
 $\Delta = 6^\circ 19' 08''$ (RT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 8.28'$
 $L = 16.54'$
 $E = 0.23'$
 $e = \text{N.C.}$
 P.C. STA = 9+28.85
 P.T. STA = 9+45.39

PROP. CURVE TRAIL_10
 PI STA. = 9+84.92
 $\Delta = 40^\circ 53' 31''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 18.64'$
 $L = 35.69'$
 $E = 3.36'$
 $e = \text{N.C.}$
 P.C. STA = 9+66.28
 P.T. STA = 10+01.96

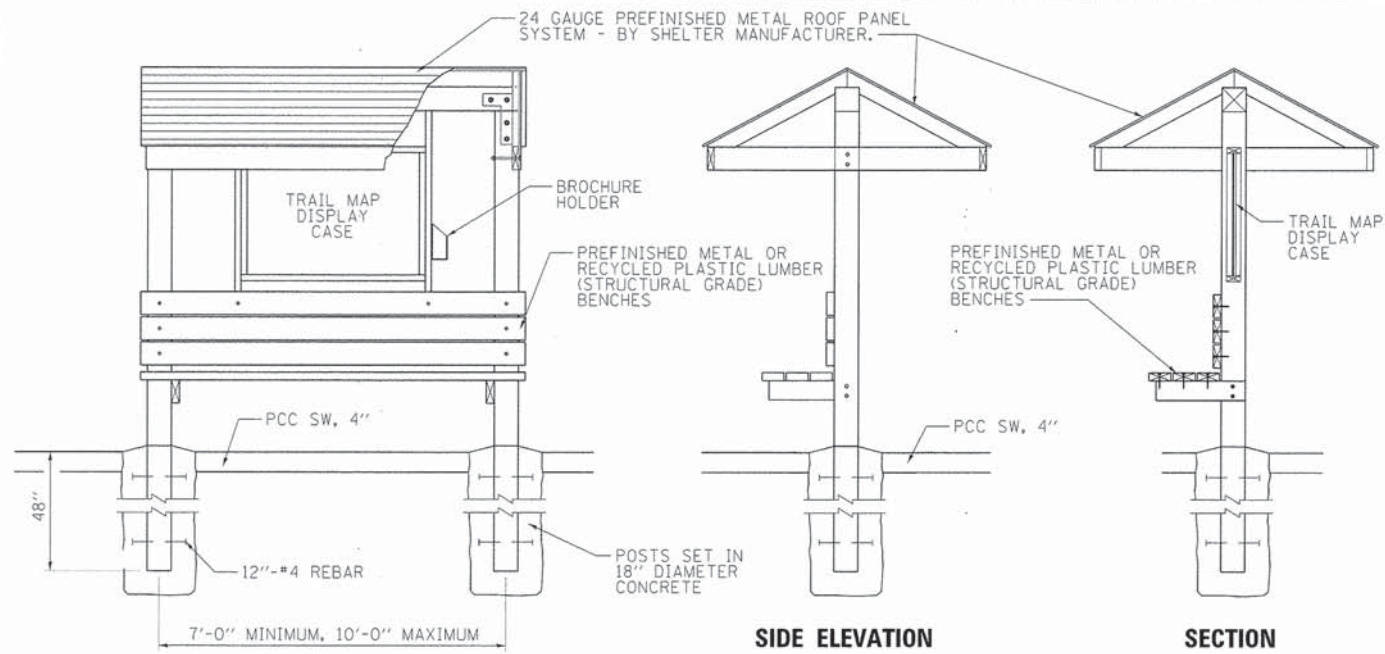
PROP. CURVE TRAIL_11
 PI STA. = 10+16.41
 $\Delta = 32^\circ 14' 43''$ (LT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 14.45'$
 $L = 28.14'$
 $E = 2.05'$
 $e = \text{N.C.}$
 P.C. STA = 10+01.96
 P.T. STA = 10+30.10



- LEGEND-PAVEMENT MARKINGS**
- ① PAINT PAVEMENT MARKING-LINE 6", WHITE SOLID
 - ② PAINT PAVEMENT MARKING-LINE 4", YELLOW SOLID
 - ③ PAINT PAVEMENT MARKING-LETTERS AND SYMBOLS, HANDICAPPED SYMBOL YELLOW



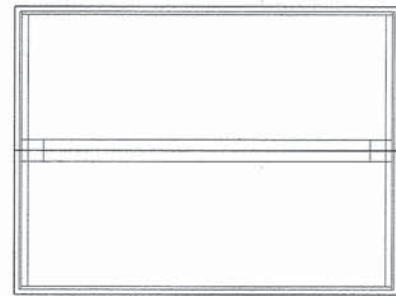
FILE NAME: qp:\ibf\files\100101\105: p\arin\con\10-00315-00-BT-Sht-Landscape-03.dgn	USER NAME: efb	DESIGNED: -	REVISED: -	CITY OF QUINCY RIVERFRONT CONNECTOR CORRIDOR	SIGNING, STRIPING, LIGHTING, & LANDSCAPING PLAN SHEET	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
PLOT SCALE: 1/8" = 1' IN.	CHECKED: -	REVISED: -	10-00315-00-BT			ADAMS	69	37		
PLOT DATE: 9/27/013	DATE: -	REVISED: -	CONTRACT NO. 93602							
SCALE: 1"=10' SHEET NO. 3 OF 3 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT										



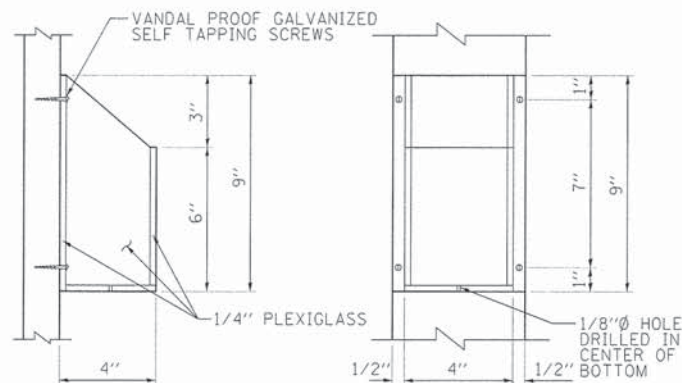
FRONT ELEVATION

SIDE ELEVATION

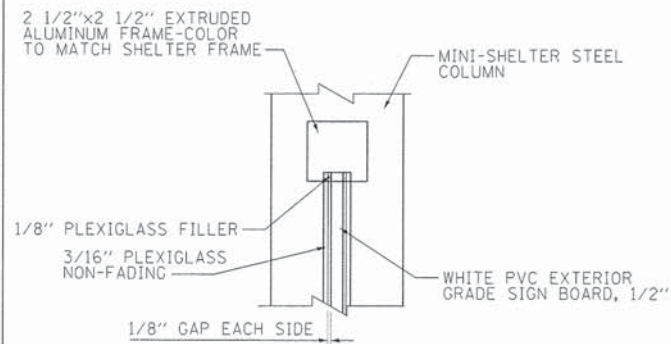
SECTION



PLAN

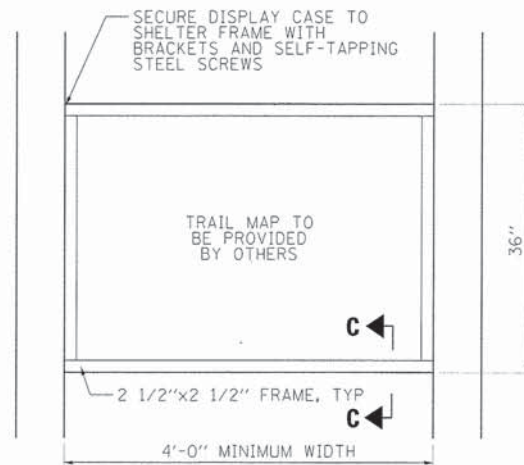


BROCHURE HOLDER



SECTION C-C

PROVIDE TRACKING ON BOTH SIDES OF DISPLAY CASE FOR INSERTION OF MAP (MAP BY OTHERS) DISPLAY CASE TO HAVE LOCKABLE END FOR SECURING THE CASE PROVIDE KEYS TO OWNER

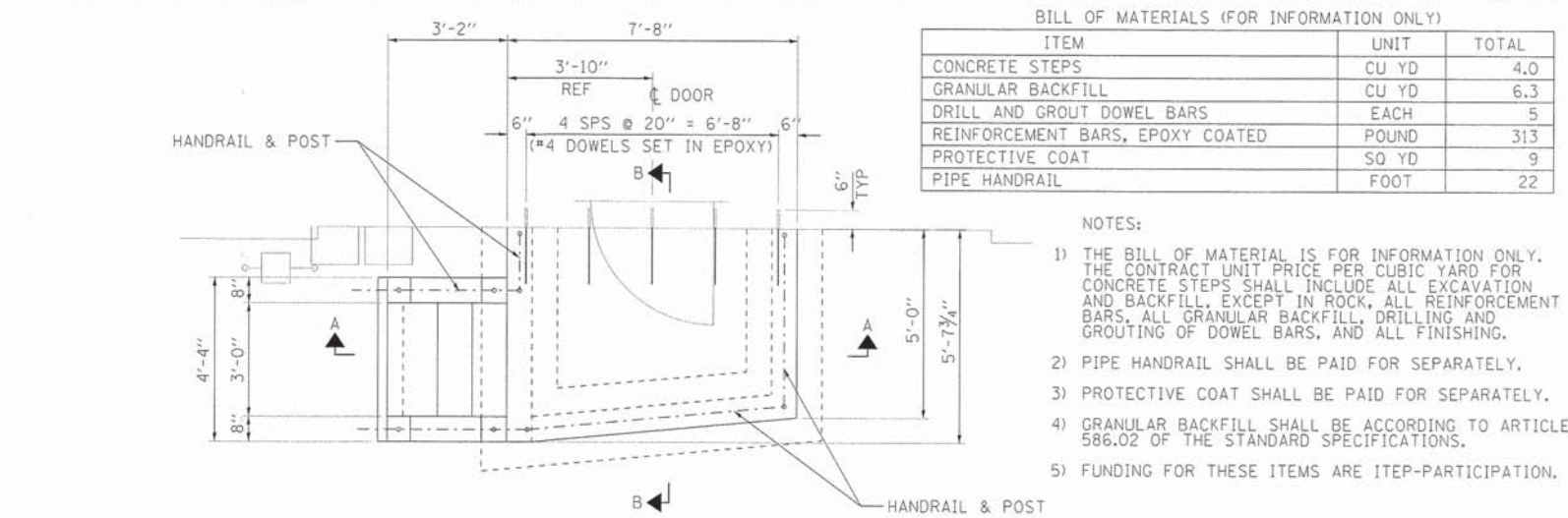


TRAIL MAP DISPLAY CASE DETAIL

INFORMATION KIOSK DETAIL

- NOTES:
1. SHELTER SHALL BE A PRE-ENGINEERED MINI SHELTER AS SPECIFIED.
 2. LOCATE SHELTERS IN LOCATIONS INDICATED IN THE PLANS.
 3. KIOSK ROOF AND POST COLORS TO MATCH EXISTING SHELTER AT BOB MAYS PARK.
 4. ALL STEEL COMPONENTS SHALL MEET THE REQUIREMENTS OF ARTICLE 106.01 OF THE STANDARD SPECIFICATIONS.

KIOSK DETAILS



PLAN

SECTION A-A

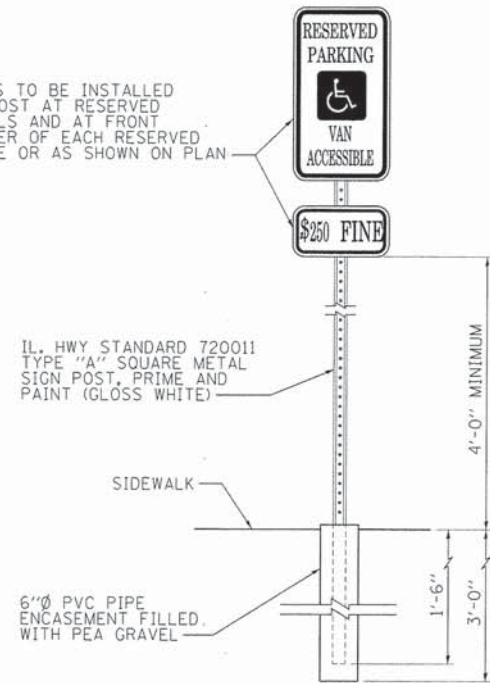
NORTH SIDE BOAT CLUB STEPS DETAIL

BILL OF MATERIALS (FOR INFORMATION ONLY)

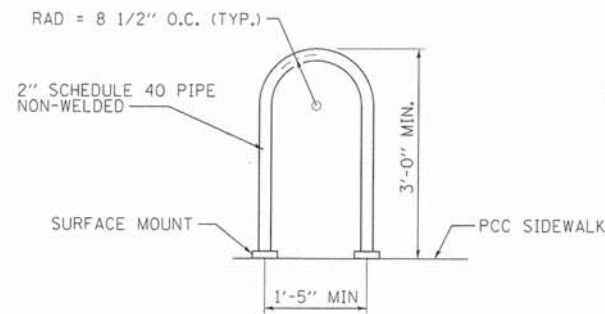
ITEM	UNIT	TOTAL
CONCRETE STEPS	CU YD	4.0
GRANULAR BACKFILL	CU YD	6.3
DRILL AND GROUT DOWEL BARS	EACH	5
REINFORCEMENT BARS, EPOXY COATED	POUND	313
PROTECTIVE COAT	SO YD	9
PIPE HANDRAIL	FOOT	22

- NOTES:
- 1) THE BILL OF MATERIAL IS FOR INFORMATION ONLY. THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STEPS SHALL INCLUDE ALL EXCAVATION AND BACKFILL, EXCEPT IN ROCK, ALL REINFORCEMENT BARS, ALL GRANULAR BACKFILL, DRILLING AND GROUTING OF DOWEL BARS, AND ALL FINISHING.
 - 2) PIPE HANDRAIL SHALL BE PAID FOR SEPARATELY.
 - 3) PROTECTIVE COAT SHALL BE PAID FOR SEPARATELY.
 - 4) GRANULAR BACKFILL SHALL BE ACCORDING TO ARTICLE 586.02 OF THE STANDARD SPECIFICATIONS.
 - 5) FUNDING FOR THESE ITEMS ARE ITEP-PARTICIPATION.

SIGNS TO BE INSTALLED ON POST AT RESERVED STALLS AND AT FRONT CENTER OF EACH RESERVED SPACE OR AS SHOWN ON PLAN



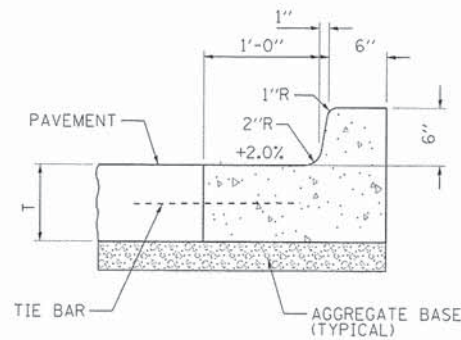
ACCESSIBLE PARKING SIGN DETAIL
NTS



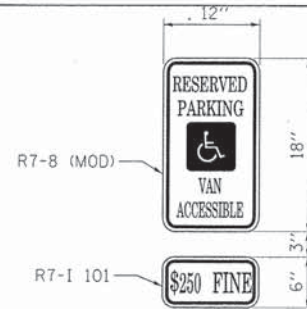
BICYCLE RACK DETAILS
NTS

NOTES:

- "POST AND LOOP" OR "A" BICYCLE RACKS MAY BE SUBSTITUTED FOR THE "INVERTED U" SHOWN WITH APPROVAL FROM THE ENGINEER. "COMB" OR "WAVE" BICYCLE RACKS WILL NOT BE ALLOWED.
- MINIMUM SPACING BETWEEN BICYCLE RACKS WILL BE 2'-6".

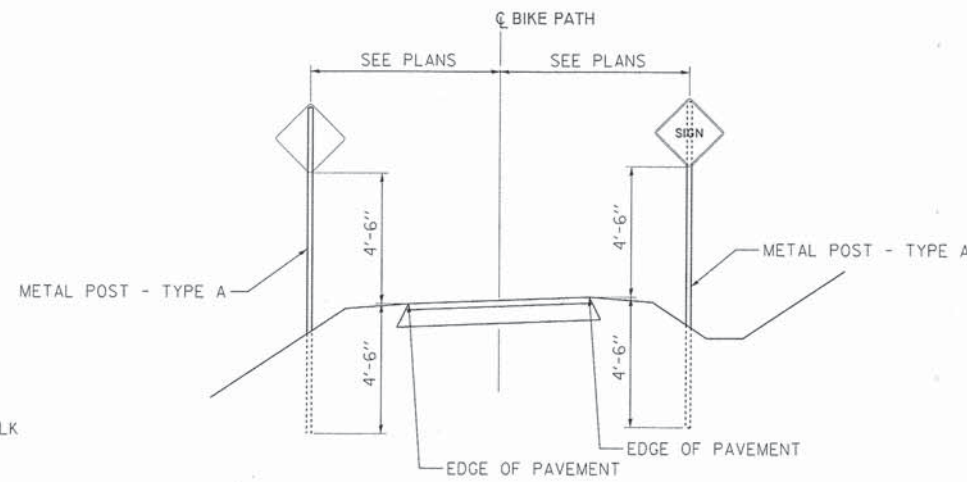


CURB & GUTTER DETAIL
TYPE B-6.12 (MODIFIED)
NTS



NOTE: HANDICAP SIGN AND FINE SIGN DIMENSIONS AND COLORS IN ACCORDANCE WITH ILLINOIS STANDARD R7-8 (MOD) AND R7-1 101 RESPECTIVELY

ACCESSIBLE PARKING SIGNAGE DETAIL
NTS

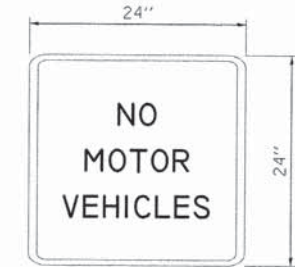


TYPICAL SIGN INSTALLATION - BIKE PATH
NTS



R9 - SIGNS

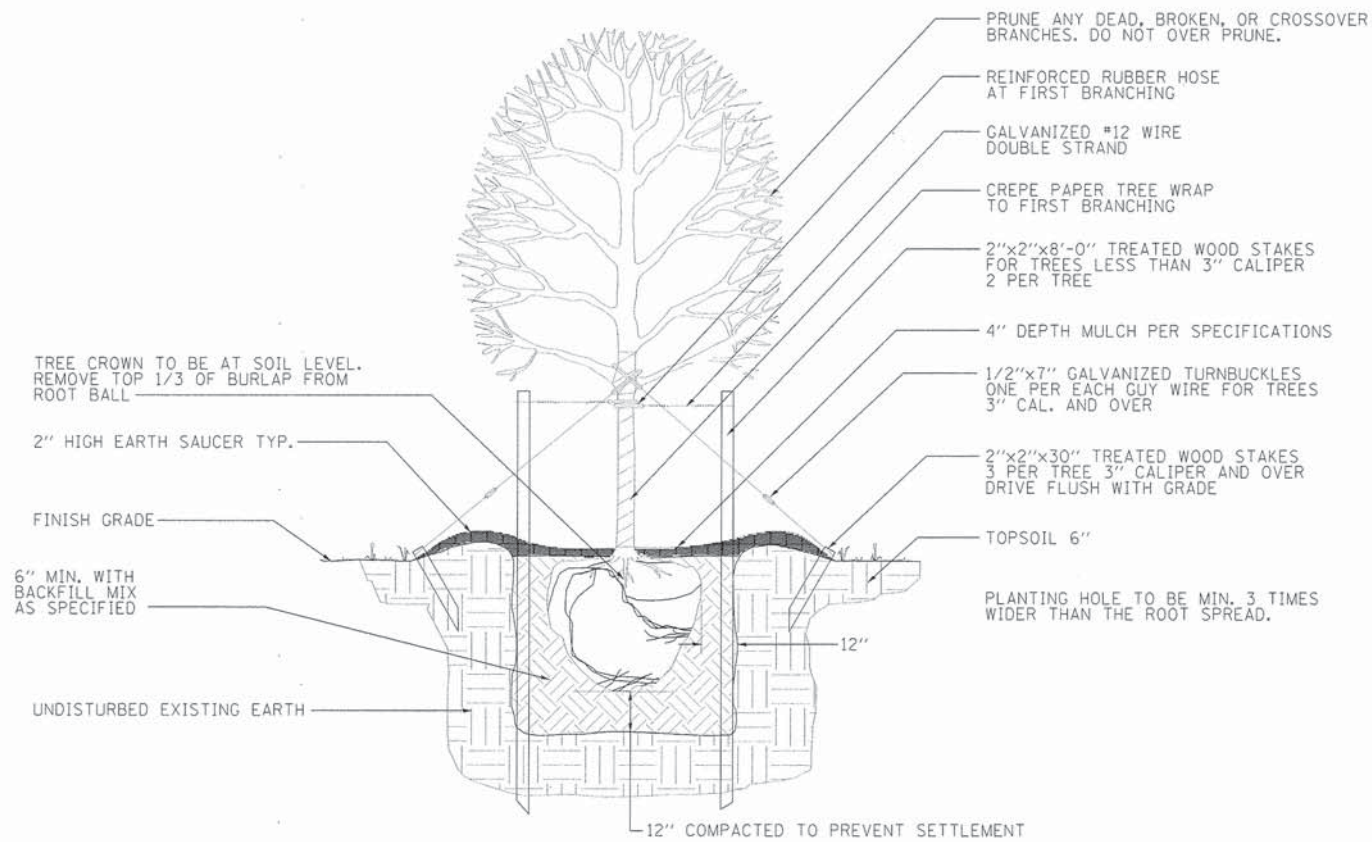
BLACK LETTERING AND BORDER ON A WHITE BACKGROUND



R5-3 - SIGNS

BLACK LETTERING AND BORDER ON A WHITE BACKGROUND

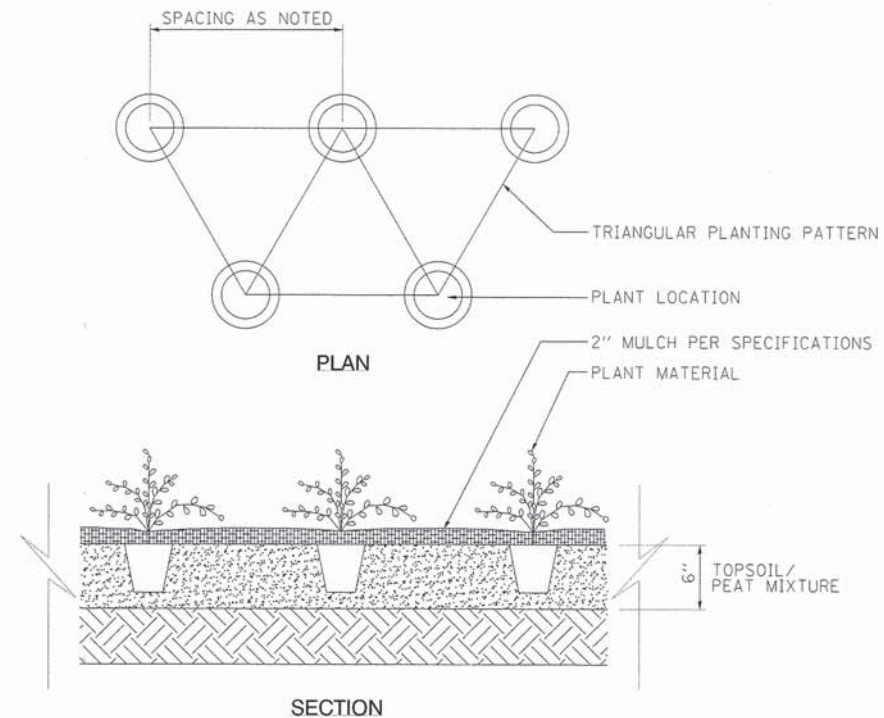
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D:\10\files\100101\05 Plans\Current\10-00315-00-BT-Sht-Details.dgn	PLOT SCALE = 5000.0000 1" = 100'	DRAWN -	REVISED -					10-00315-00-BT	ADAMS	69	39	
PLOT DATE = 5/6/2013	DATE -	CHECKED -	REVISED -		SCALE: none	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.	CONTRACT NO.			
									[ILLINOIS] FED. AID PROJECT 93602			



NOTE:
 ROOT BALL TO BE 12" WIDE FOR EACH 1 INCH OF CALIPER SIZE.
 TREES NEED NOT BE STAKED INITIALLY.

TYPICAL TREE PLANTING DETAIL

N.T.S.



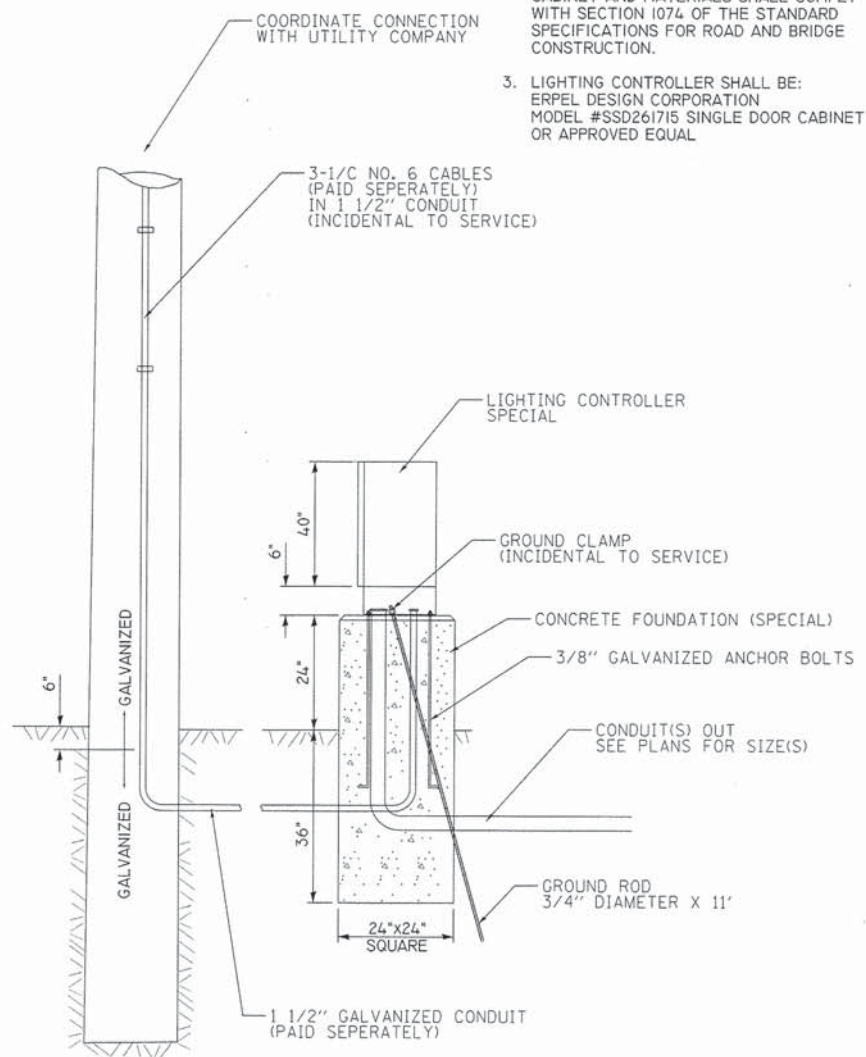
PERENNIAL/WILDFLOWER/GRASS PLANTING DETAIL

N.T.S.

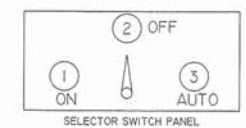
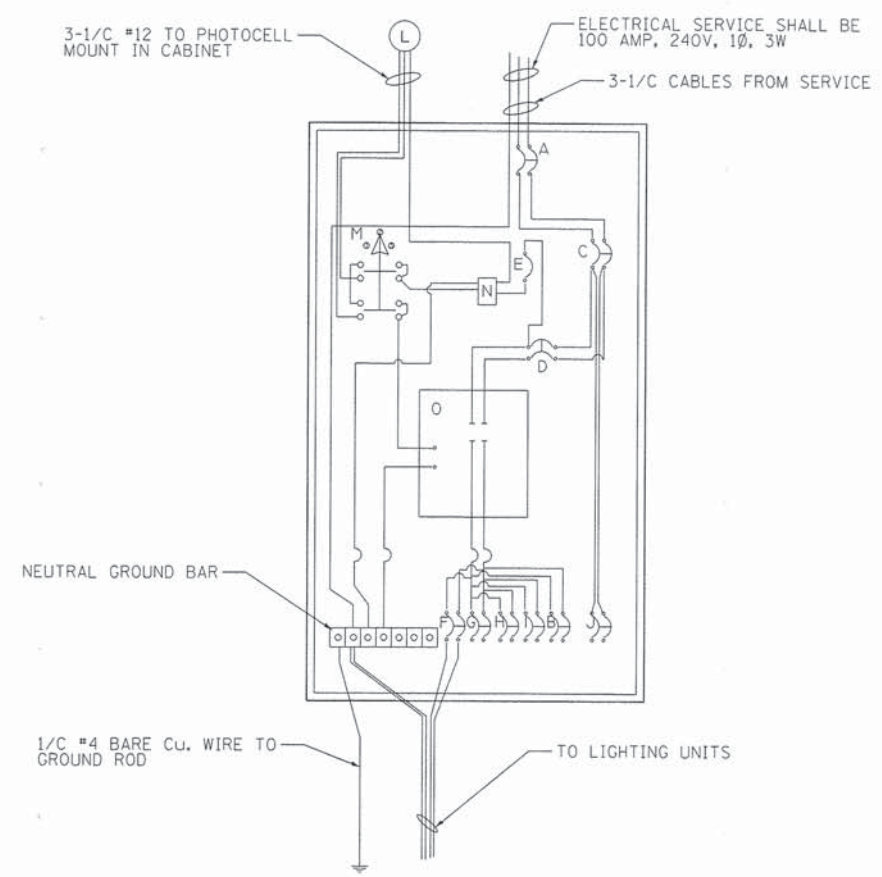
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	PLANT SCALE = 1/8" = 1'-0" (1/8" = 1'-0")	DRAWN: -	REVISED: -		SCALE: none	SHEET NO. 3 OF 5 SHEETS	STA. TO STA.	10-00315-00-BT	ADAMS	69	40
	PLANT DATE: 5/27/2013	CHECKED: -	REVISED: -								
		DATE: -	REVISED: -								
ILLINOIS FED. AID PROJECT 93602											

NOTES:

1. ALL ENCLOSURES SHALL BE NEMA TYPE 4 5052-H32 ALUMINUM ALLOY WEATHER PROOF BOX WITH CCL (CORBIN) #R357SGS LOCK WITH KEYHOLE COVER OR EQUIVALENT AND NATURAL ALUMINUM FINISH, PER FED. SPEC. QQA-250/8.
2. CONTROL CABINET PEDESTAL SHALL HAVE NOMINAL INSIDE DIMENSIONS OF MIN. 40" X 17" X 15". CABINET AND MATERIALS SHALL COMPLY WITH SECTION 1074 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. LIGHTING CONTROLLER SHALL BE: ERPEL DESIGN CORPORATION MODEL #SSD261715 SINGLE DOOR CABINET OR APPROVED EQUAL



ELECTRIC SERVICE INSTALLATION / LIGHTING CONTROLLER DETAIL
NOT TO SCALE



- SWITCHING CABINET COMPONENT LEGEND**
- A - 100 AMP MAIN BREAKER
 - B - 2 POLE, 30 AMP BREAKER (FUTURE)
 - C - 2 POLE, 80 AMP BREAKER
 - D - 2 POLE, 60 AMP BREAKER
 - E - 1 POLE, 15 AMP BREAKER
 - F - 2 POLE, 20 AMP BREAKER
 - G - 2 POLE, 20 AMP BREAKER (FUTURE)
 - H - 2 POLE, 30 AMP BREAKER (FUTURE)
 - I - 2 POLE, 30 AMP BREAKER (FUTURE)
 - J - 2 POLE, 20 AMP BREAKER (FUTURE)
 - L - PHOTOCELL
 - M - SELECTOR SWITCH - 3 POSITION (ENGRAVED PLASTIC OR METAL NAMEPLATE)
 - N - SURGE PROTECTOR
 - O - 2 POLE, 100 AMP CONTACTOR

LIGHTING CONTROLLER (CONTACTOR AND SWITCHING PANEL) DETAIL
NOT TO SCALE

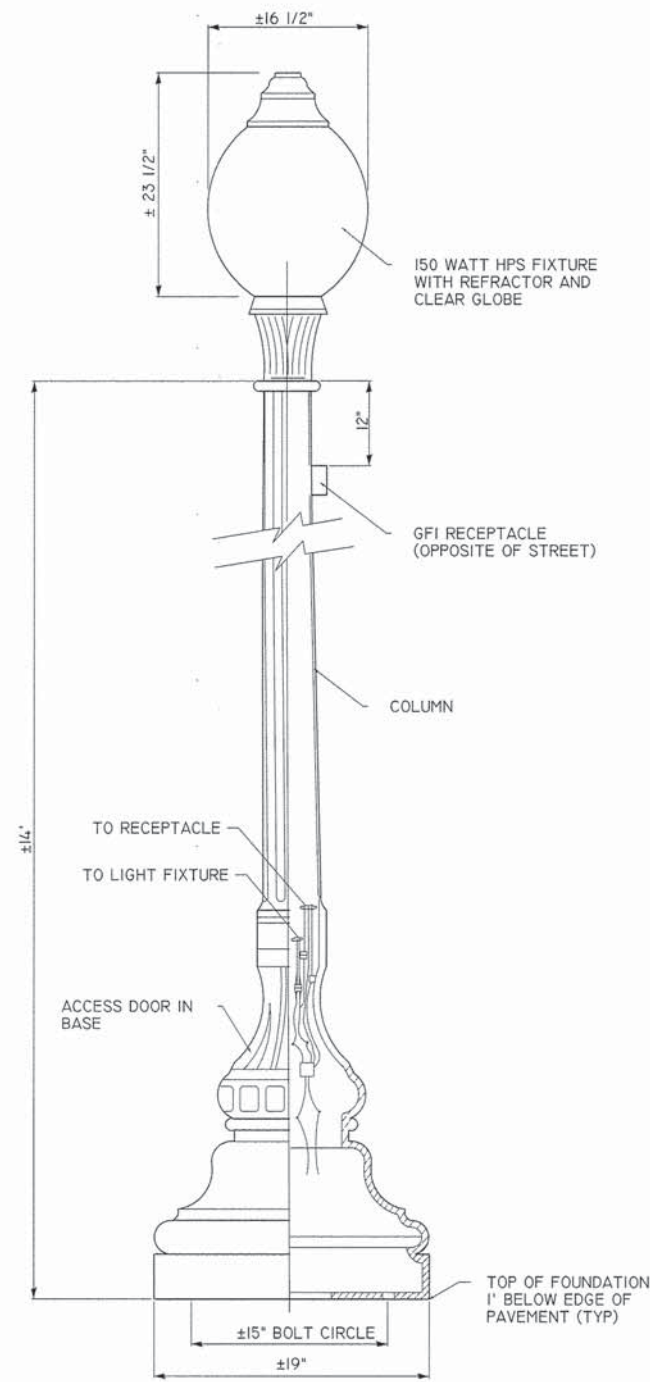
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Q:\10files\100101\05 Plans\Current\10-00315-00-BT-5ht-Details.dgn		DRAWN -	REVISED -
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	PLOT DATE = 5/6/2013	DATE -	REVISED -

**CITY OF QUINCY
RIVERFRONT CONNECTOR CORRIDOR**

MISCELLANEOUS DETAILS

SCALE: none SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00315-00-BT	ADAMS	69	41
				CONTRACT NO.
ILLINOIS FED. AID PROJECT				93602



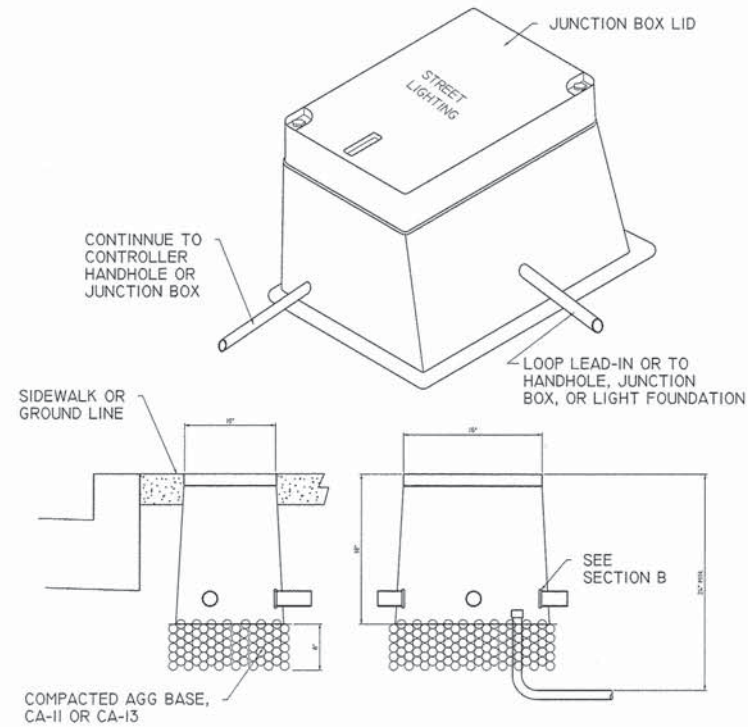
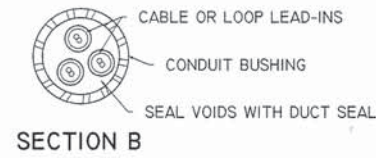
LIGHT POLE, ORNAMENTAL DETAIL
NOT TO SCALE

NOTE:

HISTORIC LIGHT FOUNDATIONS TO BE TYPE A FOUNDATIONS PER STANDARD 878001

NOTE:

THE COST OF ALL WIRING WITHING THE LIGHT POLE AND FIXTURE AND THE LUMINARE TO BE INCLUDED IN THE PAY ITEM "ORNAMENTAL LIGHT UNIT, COMPLETE".



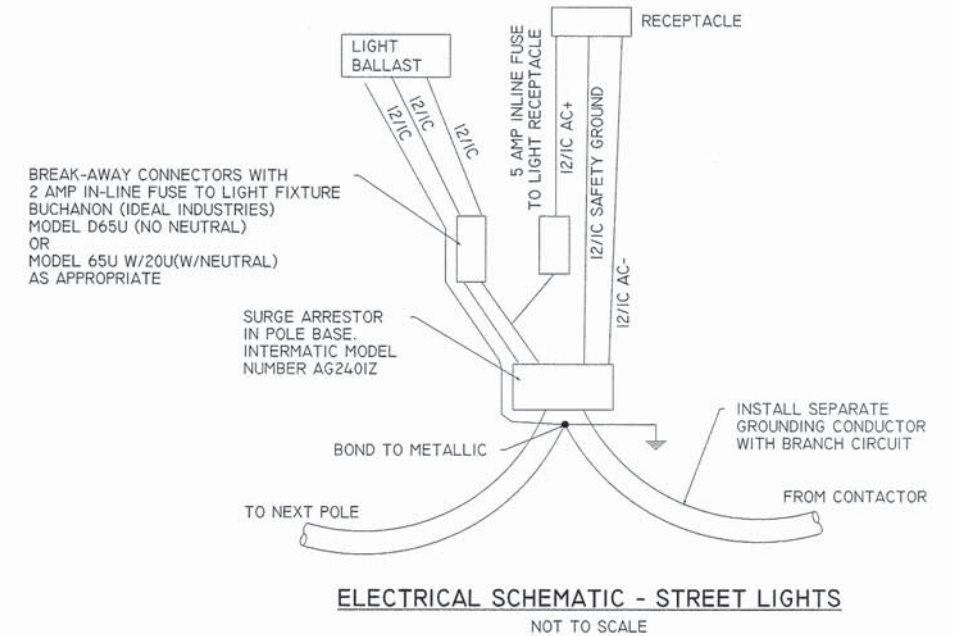
NOTES:

1. SEE TRAFFIC SIGNAL OR LIGHTING PLANS FOR CONDUIT SIZES.
2. PRECAST POLYMER CONCRETE UTILITY JUNCTION WITH FLARED DESIGN. LIGHT DUTY UNLESS OTHERWISE SPECIFIED.
3. BOLTED POLYMER LID WITH "STREET LIGHTING" LOGO WITH PENTAHEAD STAINLESS STEEL BOLTS.
4. UL LISTED UNDERGROUND ENCLOSURE.

JUNCTION BOX (SPECIAL) DETAIL
NOT TO SCALE

NOTES:

1. FOR MULTIPLE LIGHT POLE INSTALLATIONS, TAP FOR RECEPTACLE SHALL ALTERNATE BETWEEN PHASES TO BALANCE LOAD.
2. ALL ELECTRICAL INSTALLATIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, CURRENT EDITION.
3. RECEPTACLE ON LIGHT POLE MUST HAVE IN-USE WEATHER PROOF COVER PER NEC.



BREAK-AWAY CONNECTORS WITH 2 AMP IN-LINE FUSE TO LIGHT FIXTURE BUCHANON (IDEAL INDUSTRIES) MODEL D65U (NO NEUTRAL) OR MODEL 65U W/20U(W/NEUTRAL) AS APPROPRIATE

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CITY OF QUINCY
RIVERFRONT CONNECTOR CORRIDOR

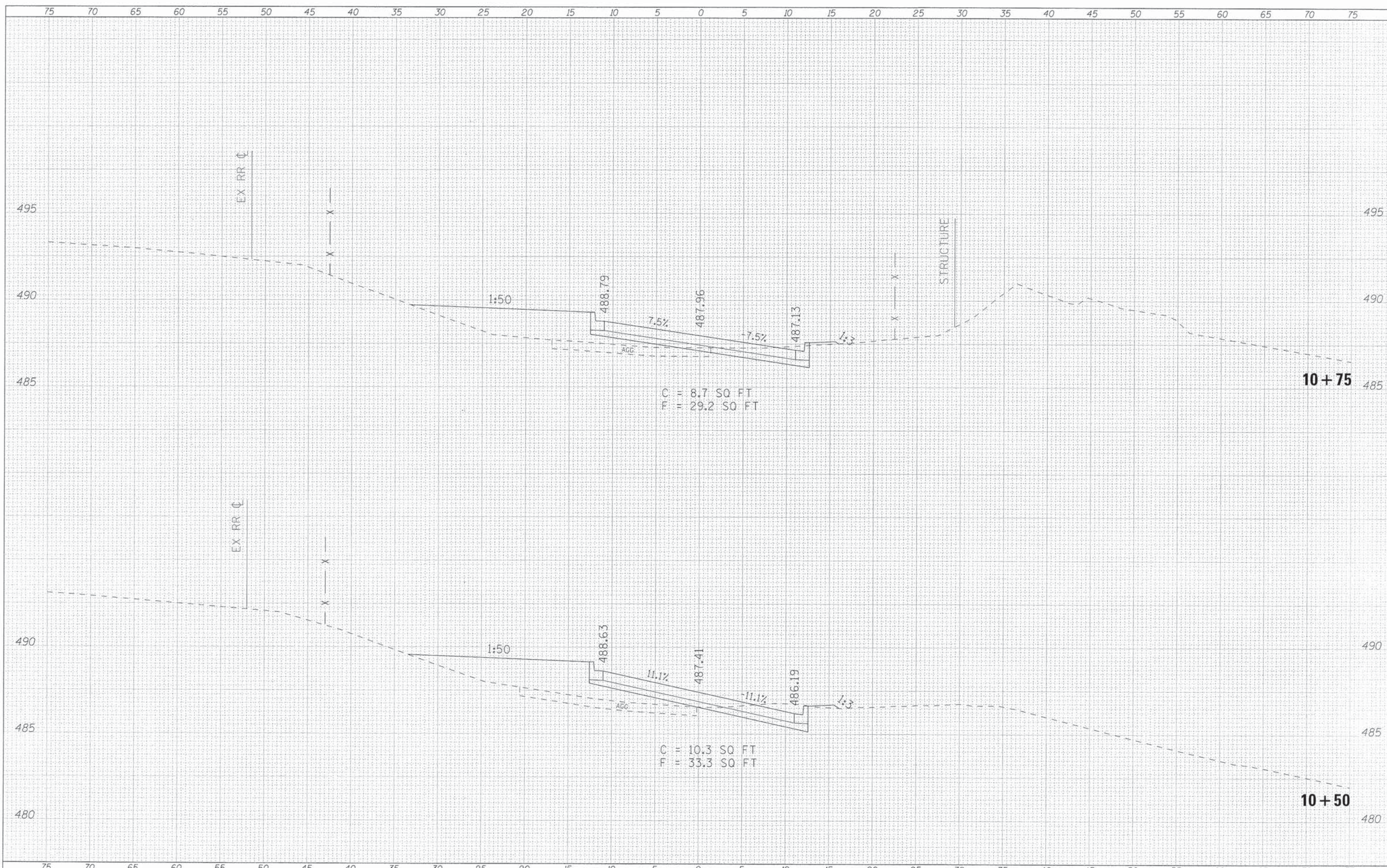
MISCELLANEOUS DETAILS

SCALE: none SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00315-00-BT	ADAMS	69	42
CONTRACT NO.				93602
ILLINOIS FED. AID PROJECT				

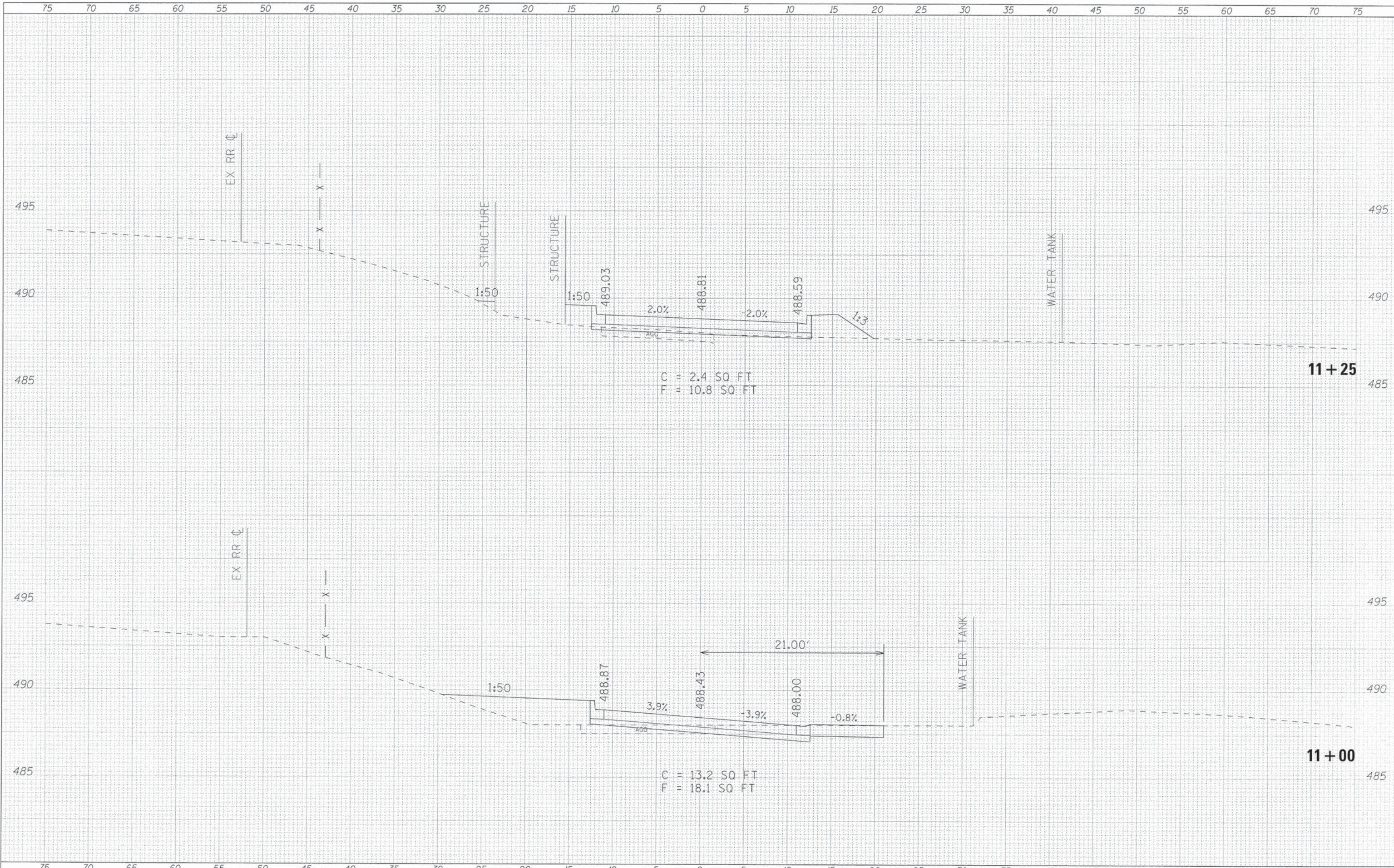
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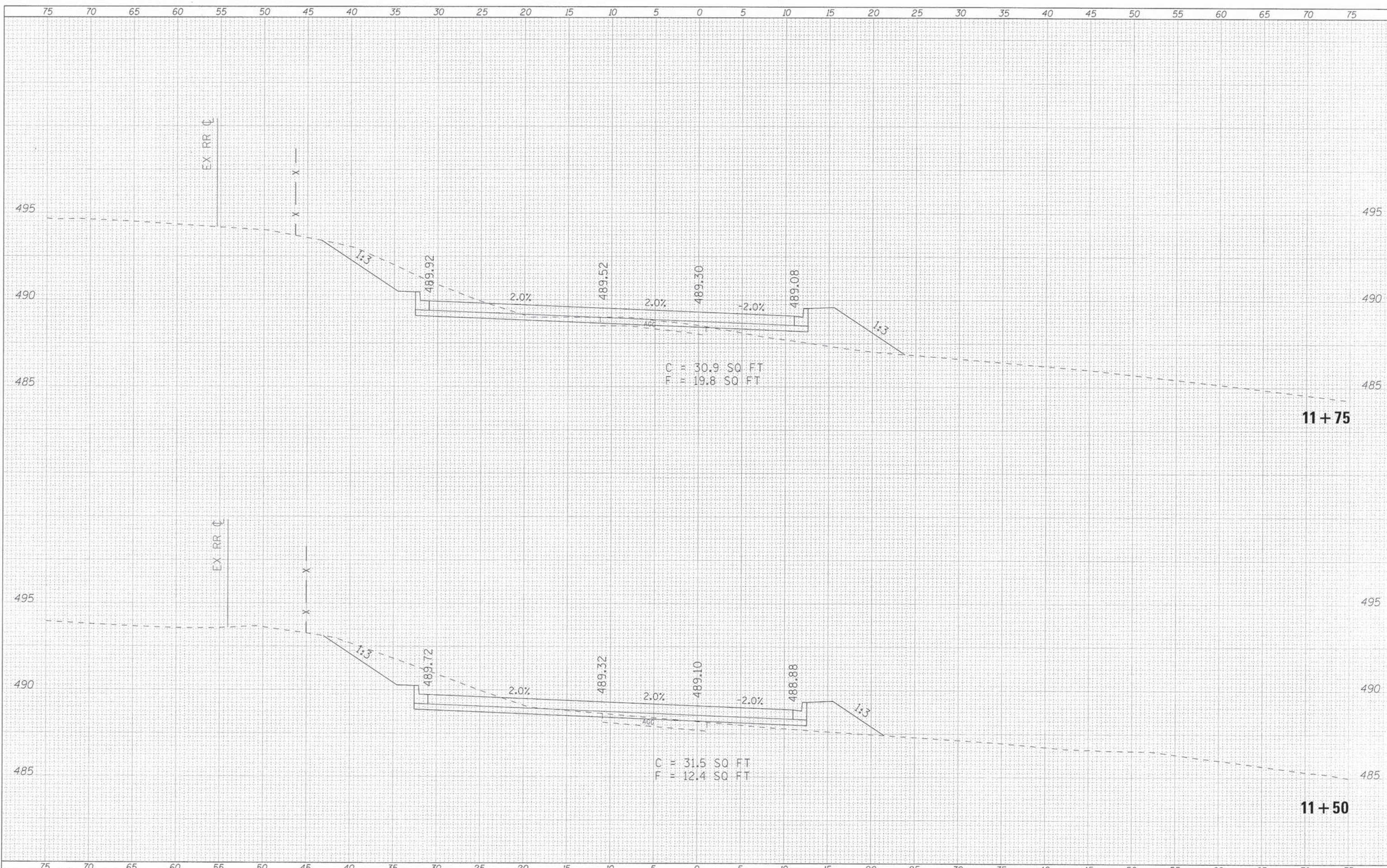


C = 2.4 SQ FT
F = 10.8 SQ FT

C = 13.2 SQ FT
F = 18.1 SQ FT

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FINAL SURVEY	
REVISION	
NOTE BOOK	
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SCALE: 1" = 40' H 1" = 5' V	CHECKED: -	REVISED: -	10-00315-00-BT			ADAMS	69	46		
DATE: 5/22/2013	DATE: -	REVISED: -	CONTRACT NO. 93602							
SCALE: 1" = 40' H 1" = 5' V			SHEET NO. 3 OF 7 SHEETS			STA. 11+50 TO STA. 11+75		FED. ROAD DIST. NO. 6 [ILLINOIS] FED. AID PROJECT		

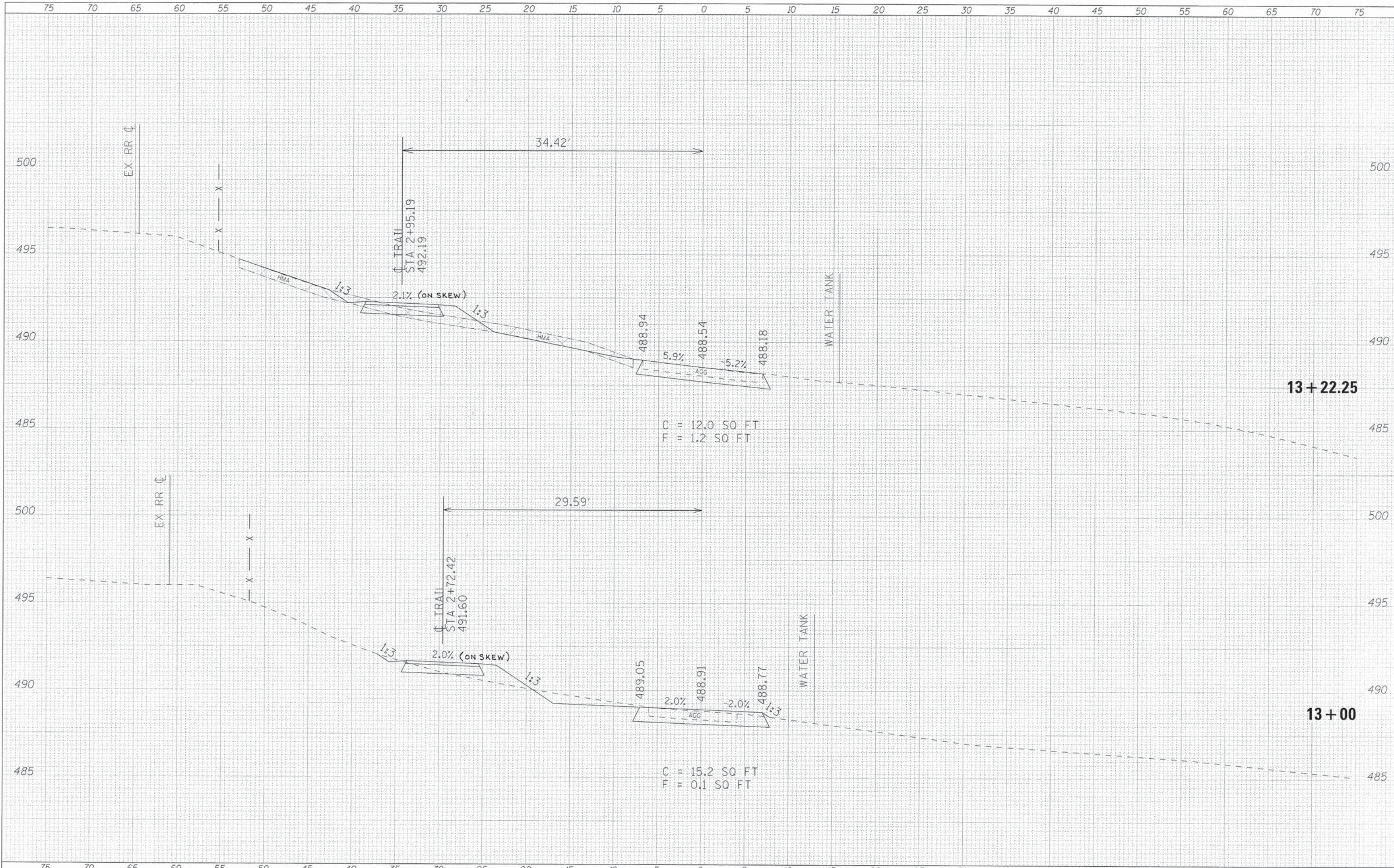
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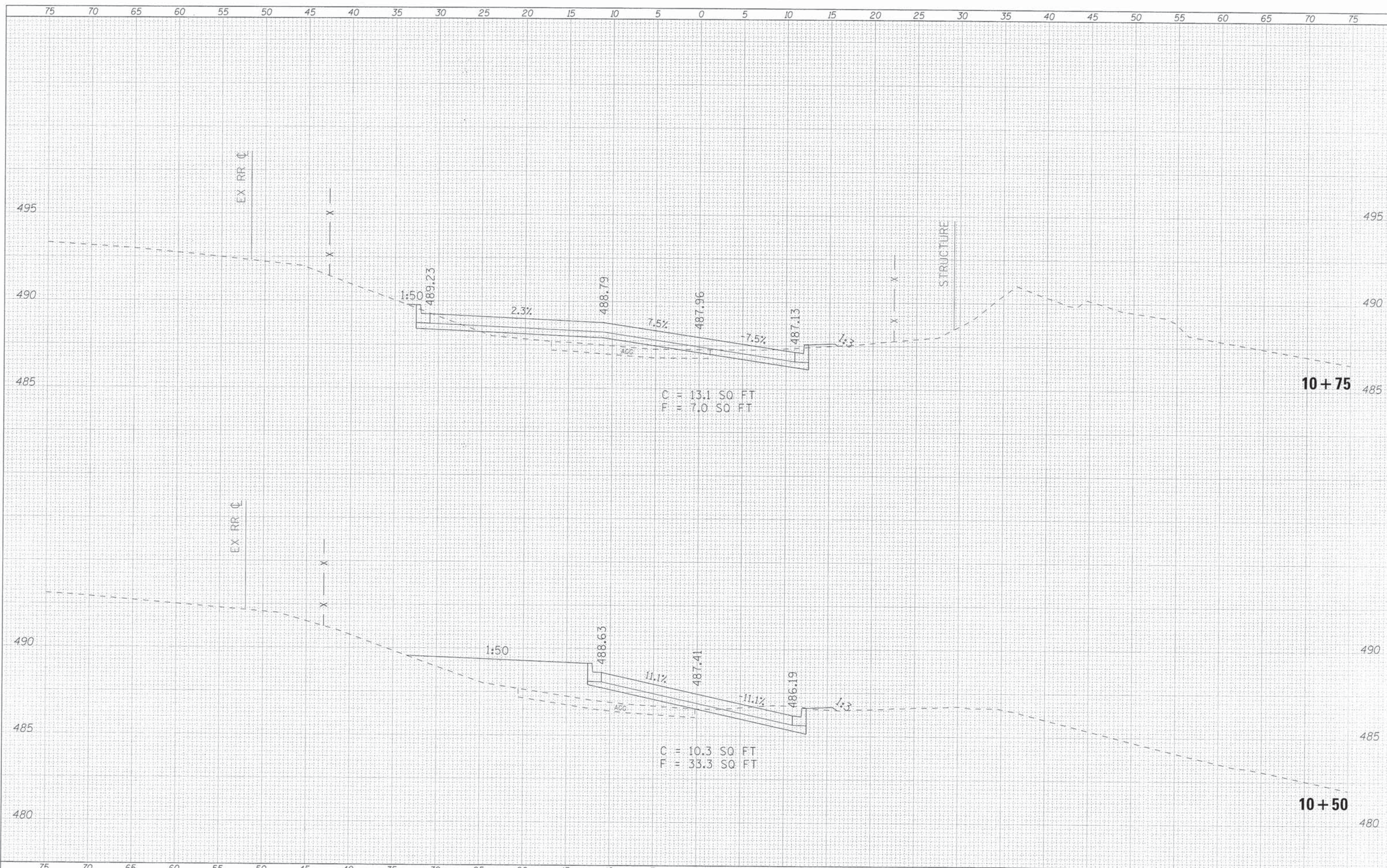
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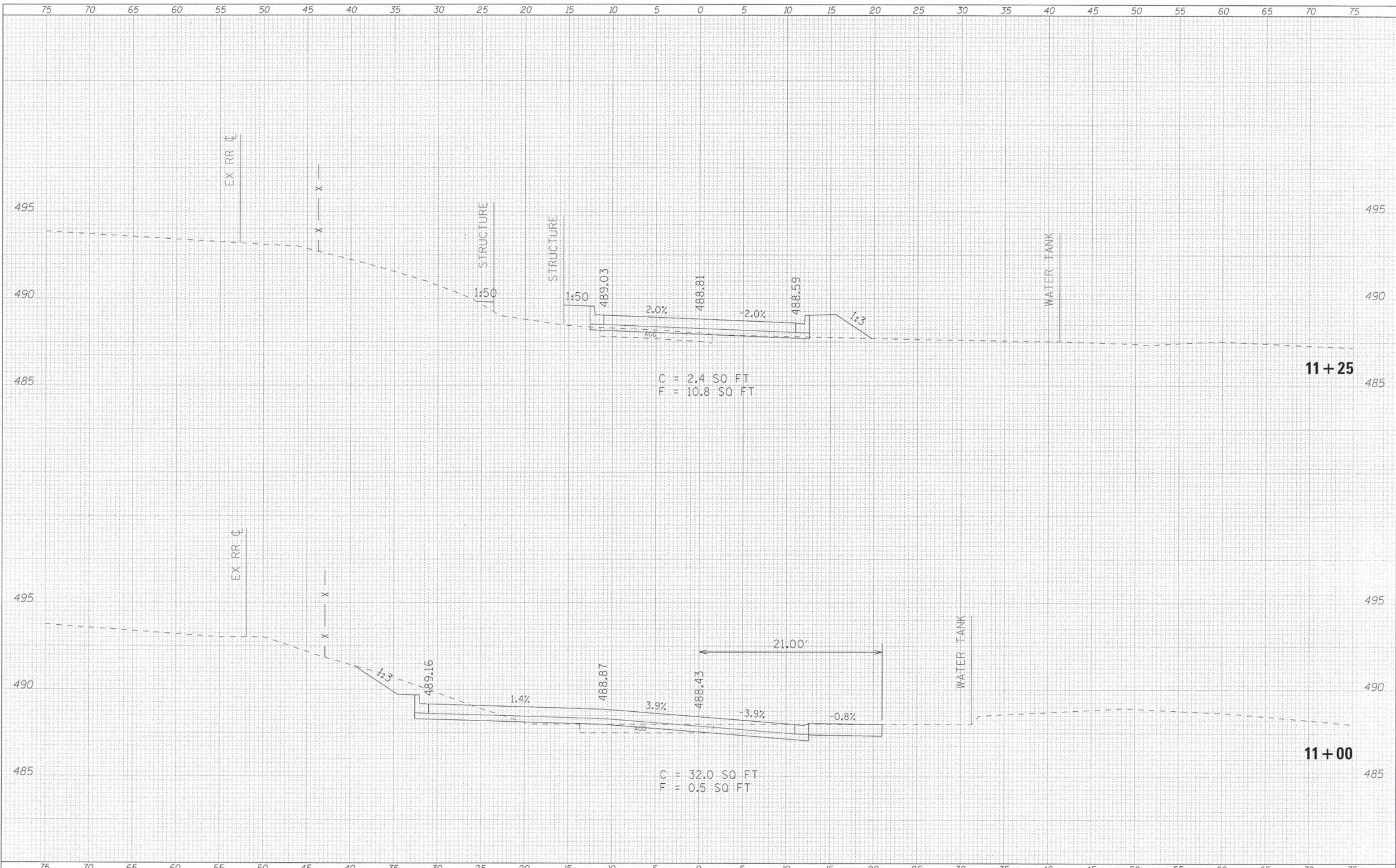
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FILE NAME	USER NAME	DESIGNED	REVISED	CITY OF QUINCY RIVERFRONT CONNECTOR CORRIDOR	PARKING LOT (ALTERNATE CONSTRUCTION) CROSS SECTIONS	F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLT SCALE = 4.0000" = 1.00'		CHECKED	REVISED			CONTRACT NO.					
PLT DATE = 5/22/2013		DATE	REVISED			93602					
SCALE: 1"=10.0'					SHEET NO. 2 OF 7 SHEETS		STA. 11+00		TO STA. 11+25		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT											

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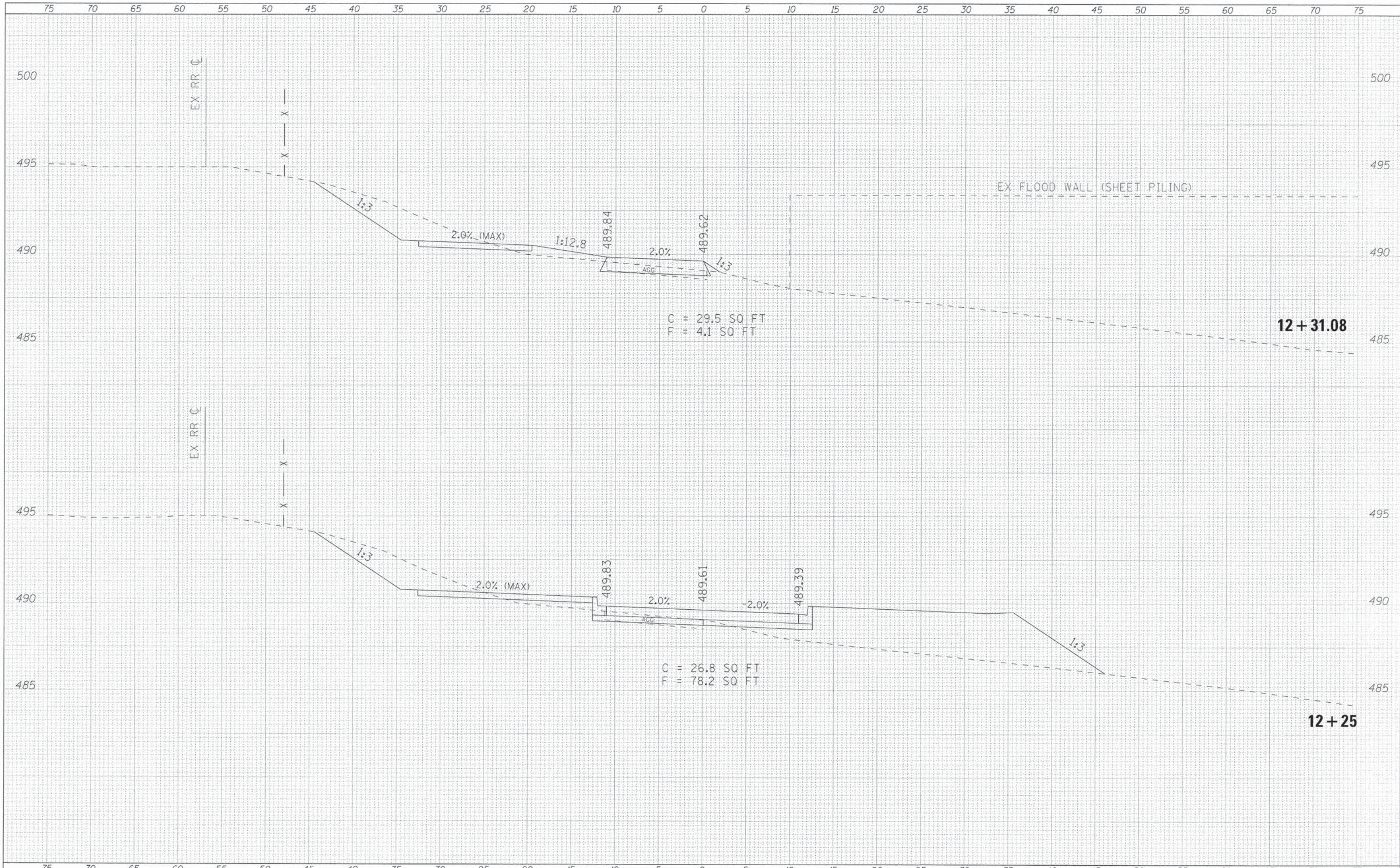
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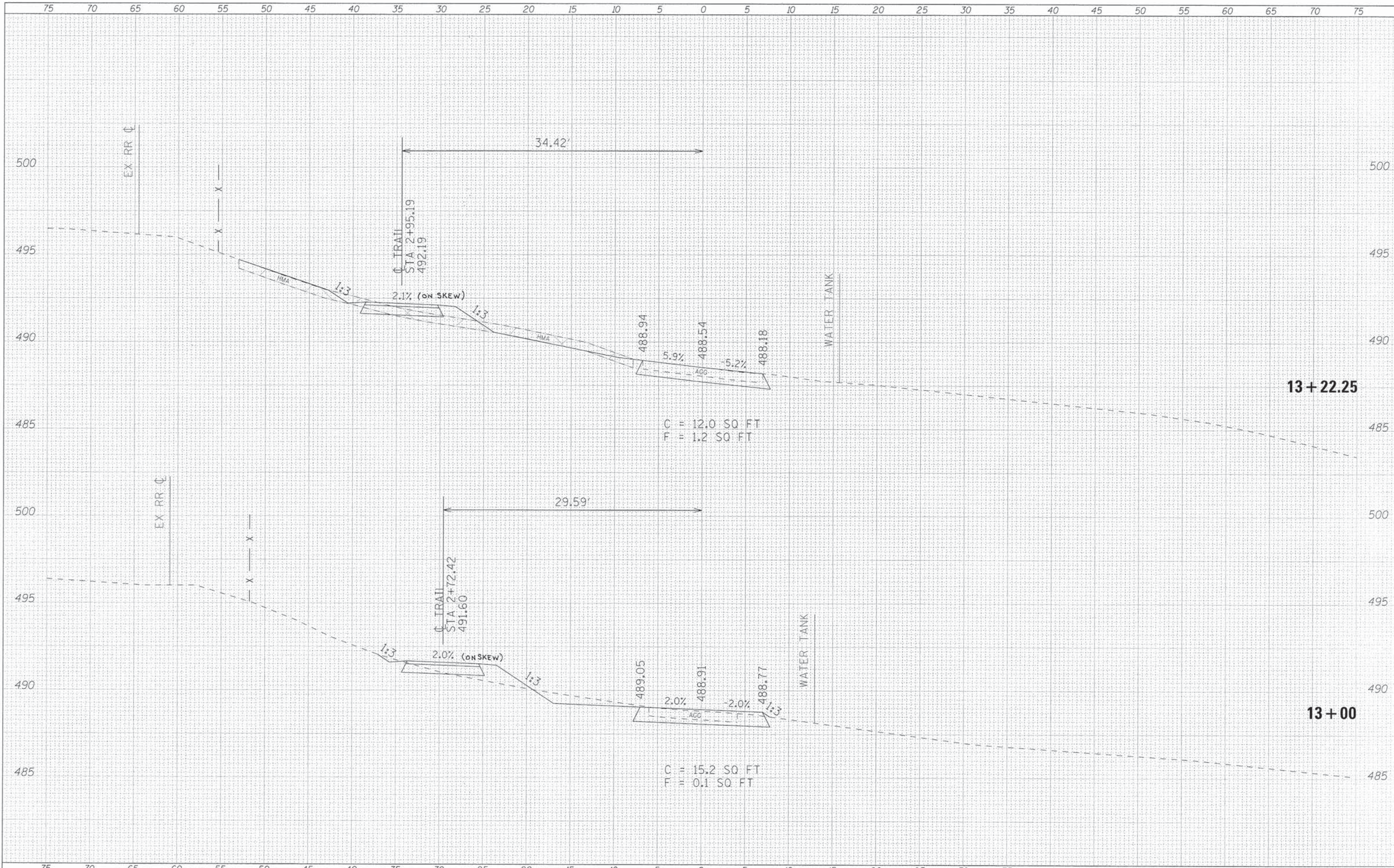
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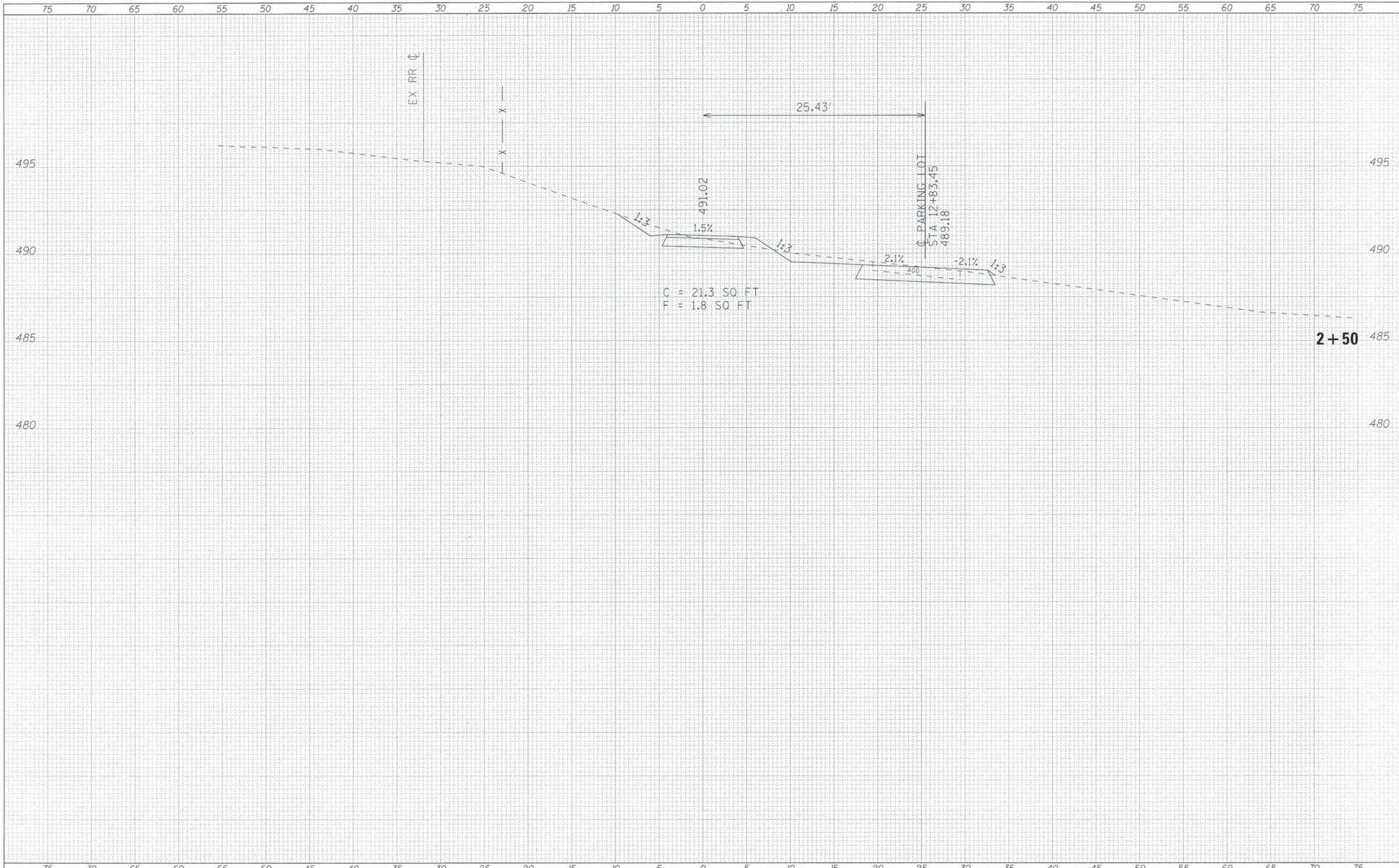
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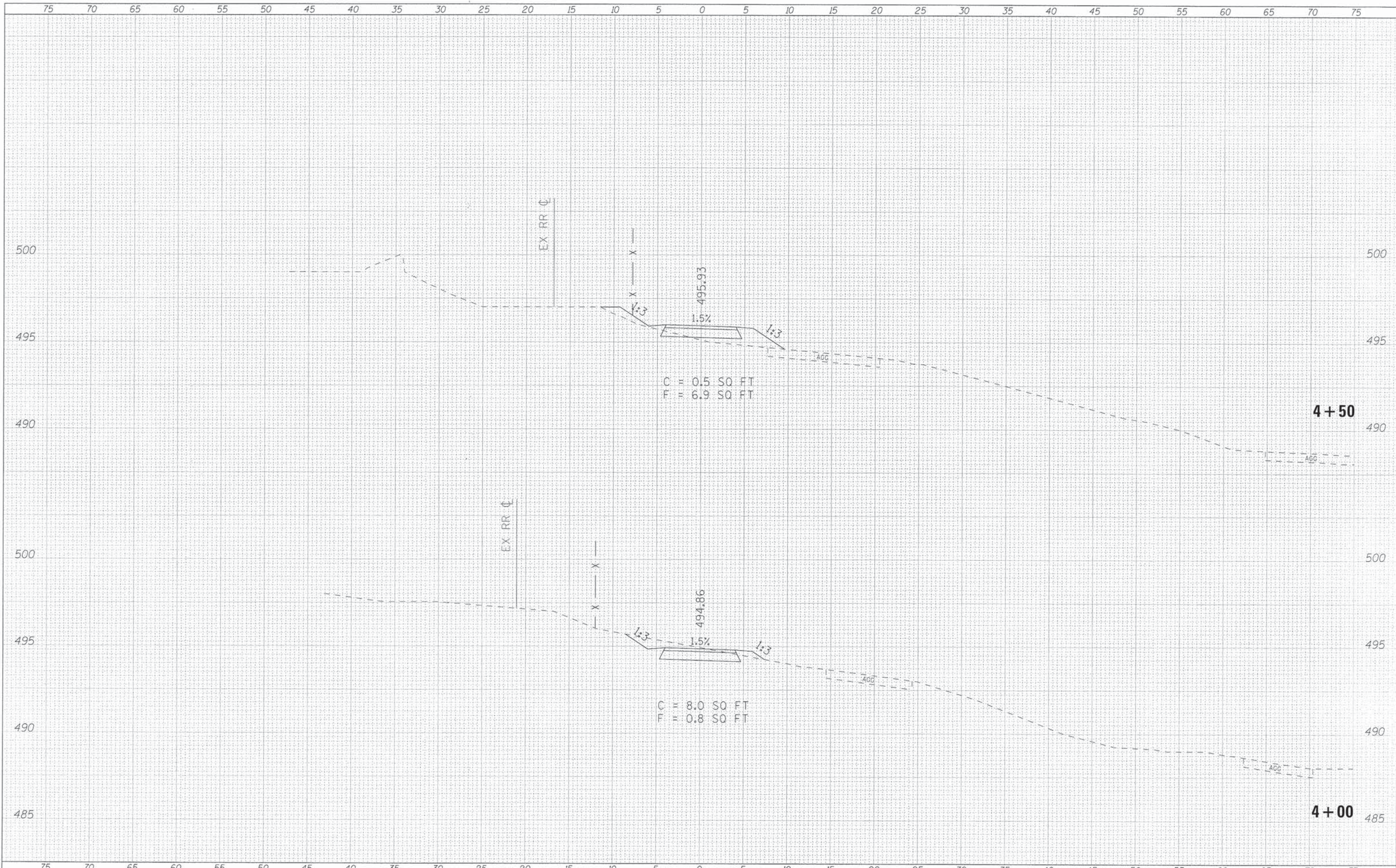
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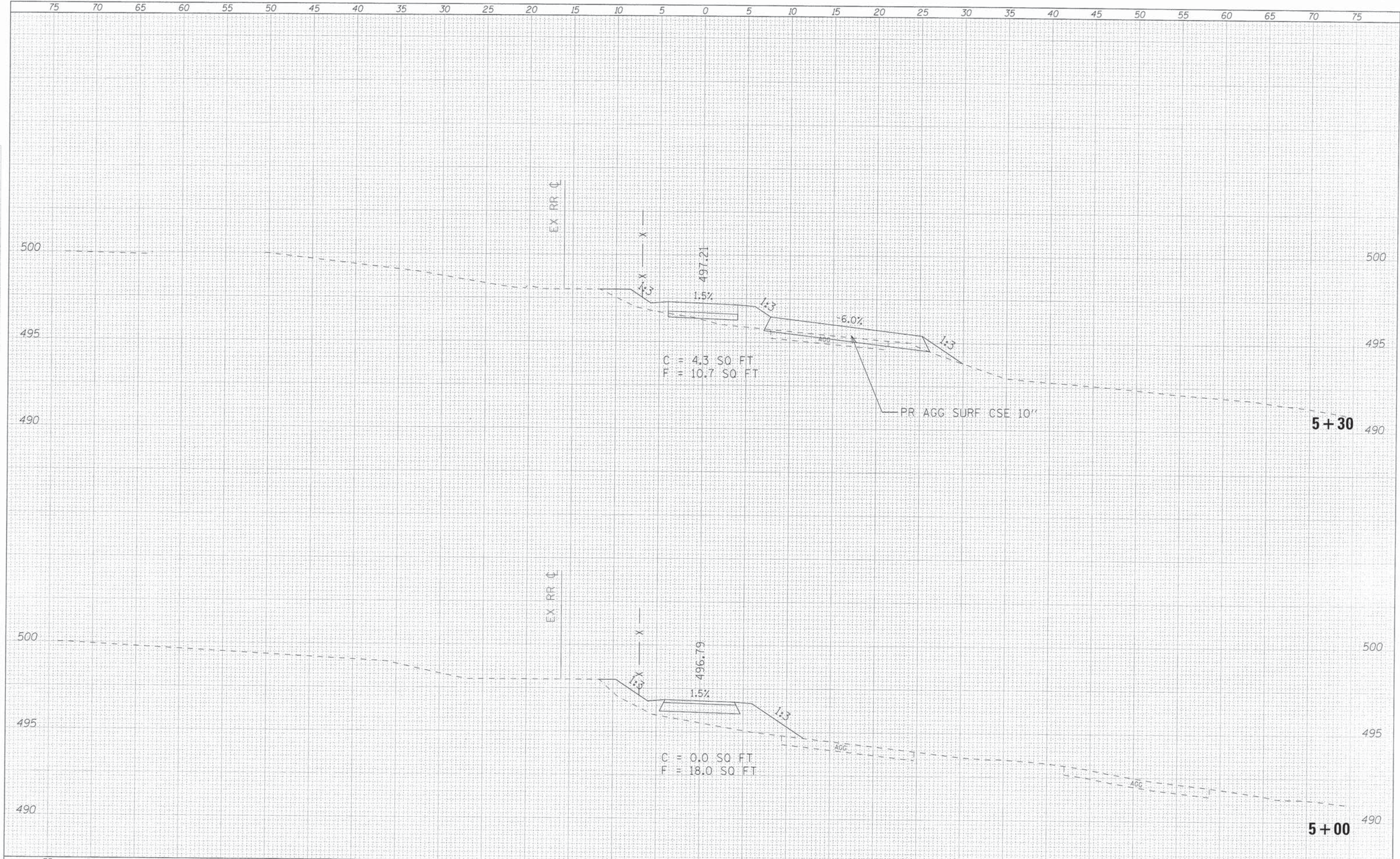
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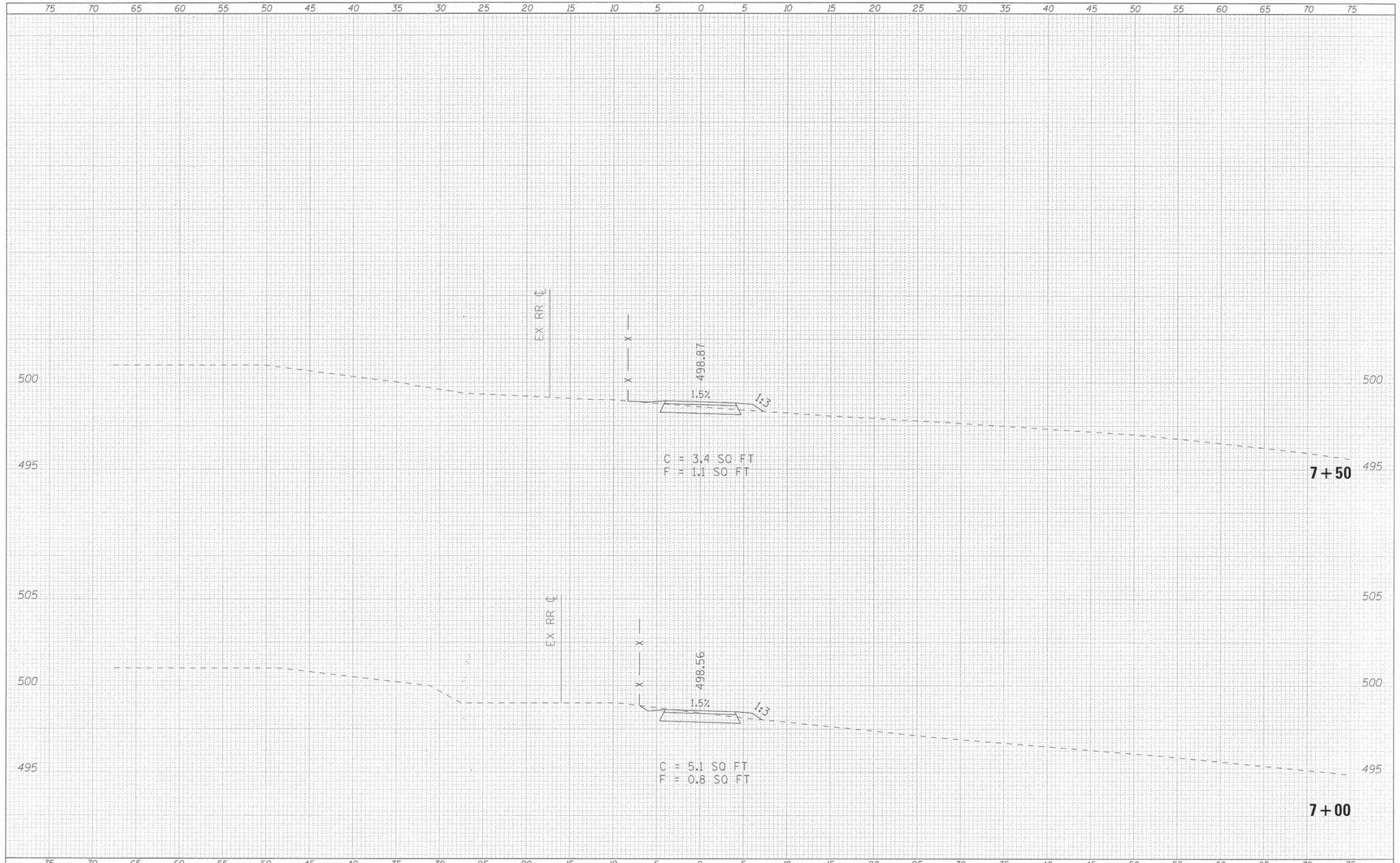


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PLT SCALE: 4.9999' = 1"	CHECKED: -	REVISED: -	10-00315-00-BT			ADAMS	69	61		
PLT DATE: 5/22/2013	DATE: -	REVISED: -	CONTRACT NO.:							
SCALE: 1"=10'H / 1"=5'V						SHEET NO. 4 OF 12 SHEETS		STA. 5+00 TO STA. 5+30		FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT

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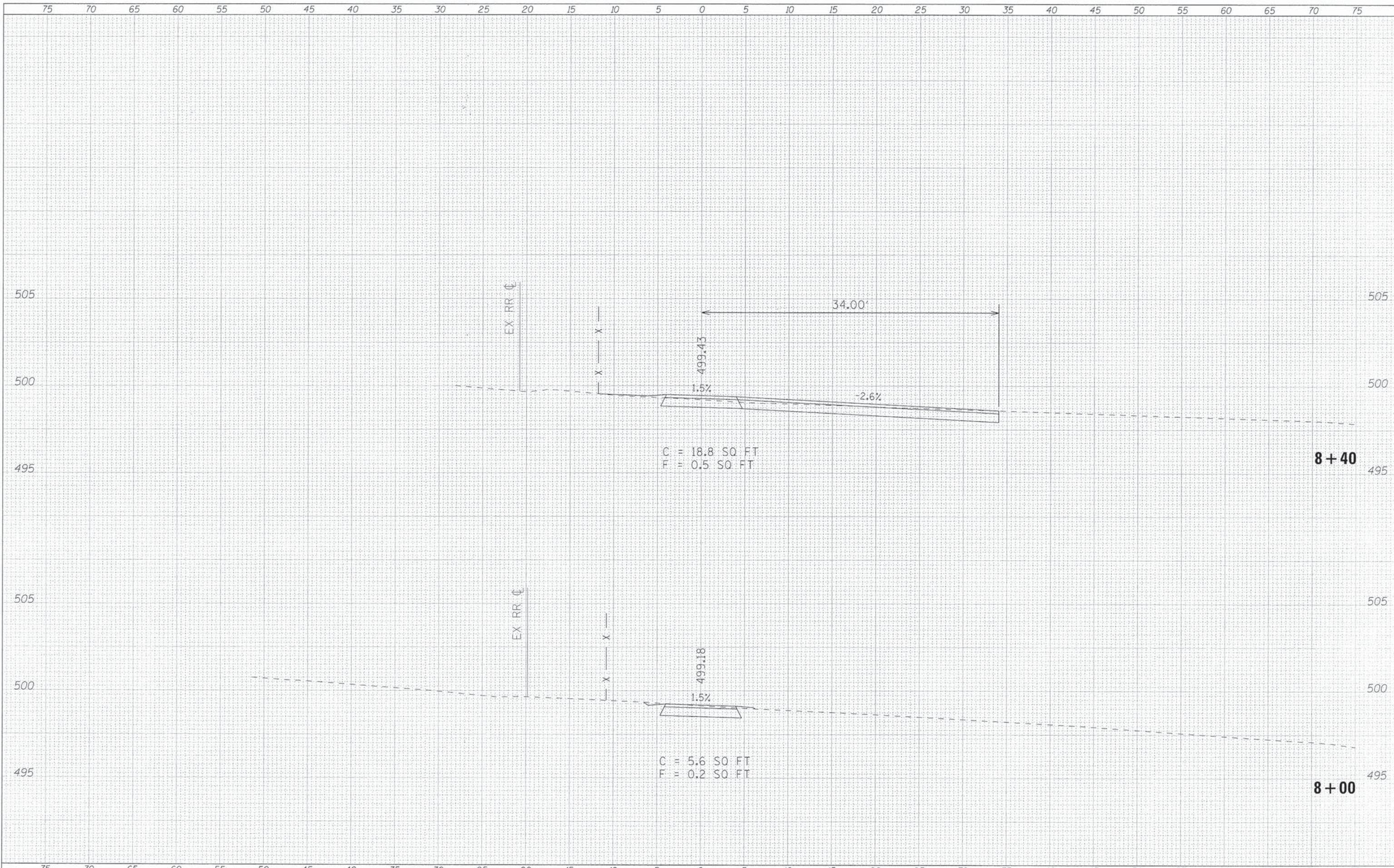
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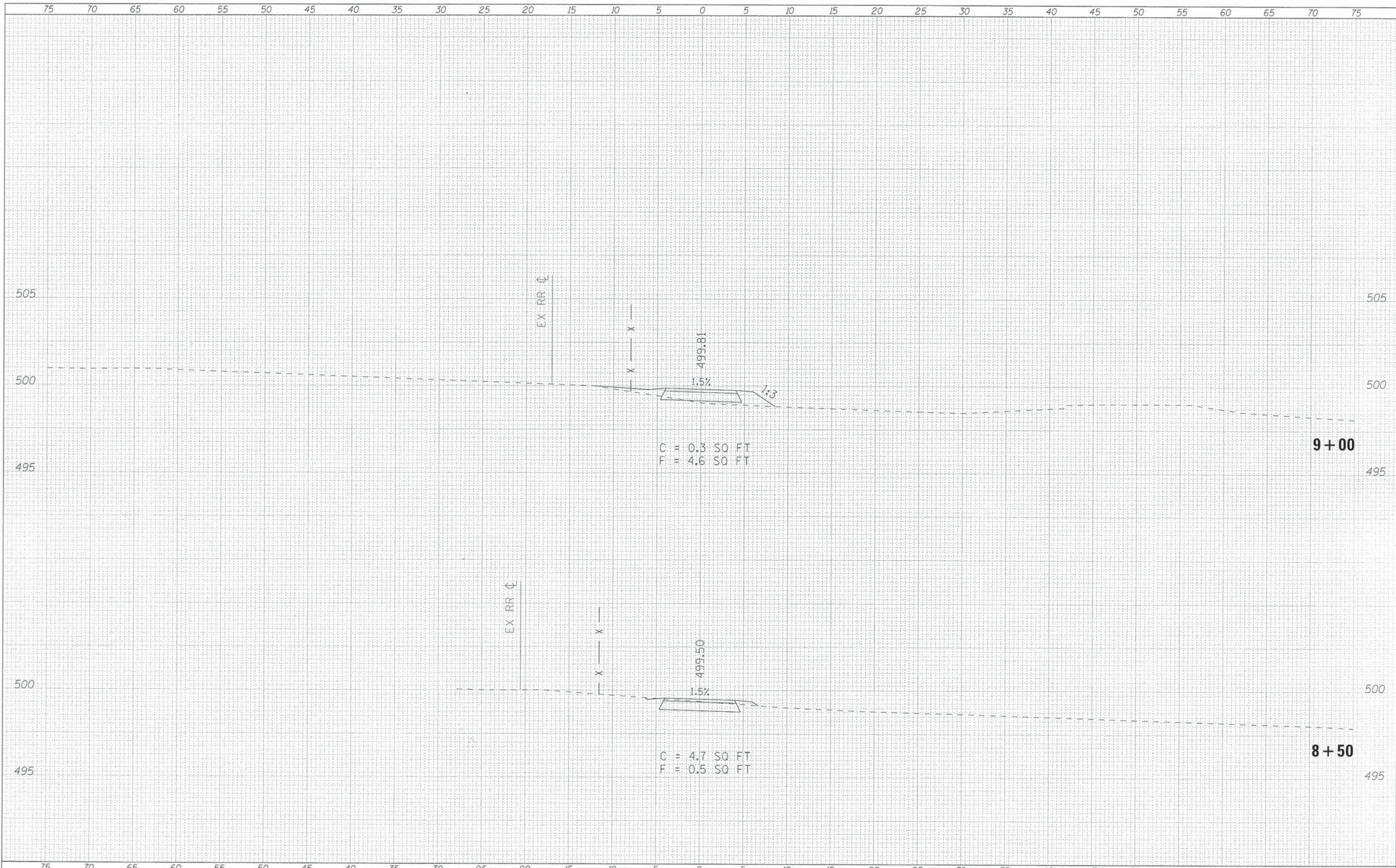
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