

**FINAL FOR CONSTRUCTION**

# The City of Linwood

Atlantic County, New Jersey

## Linwood Bikepath

**City Council**

Richard L. DePamphilis III, Mayor  
 Timothy Tighe, Council President  
 Elliot Beinfest  
 Stacy DeDomenicis  
 Ralph Paolone  
 Darren Matik  
 Brian Heun  
 Todd Gordon

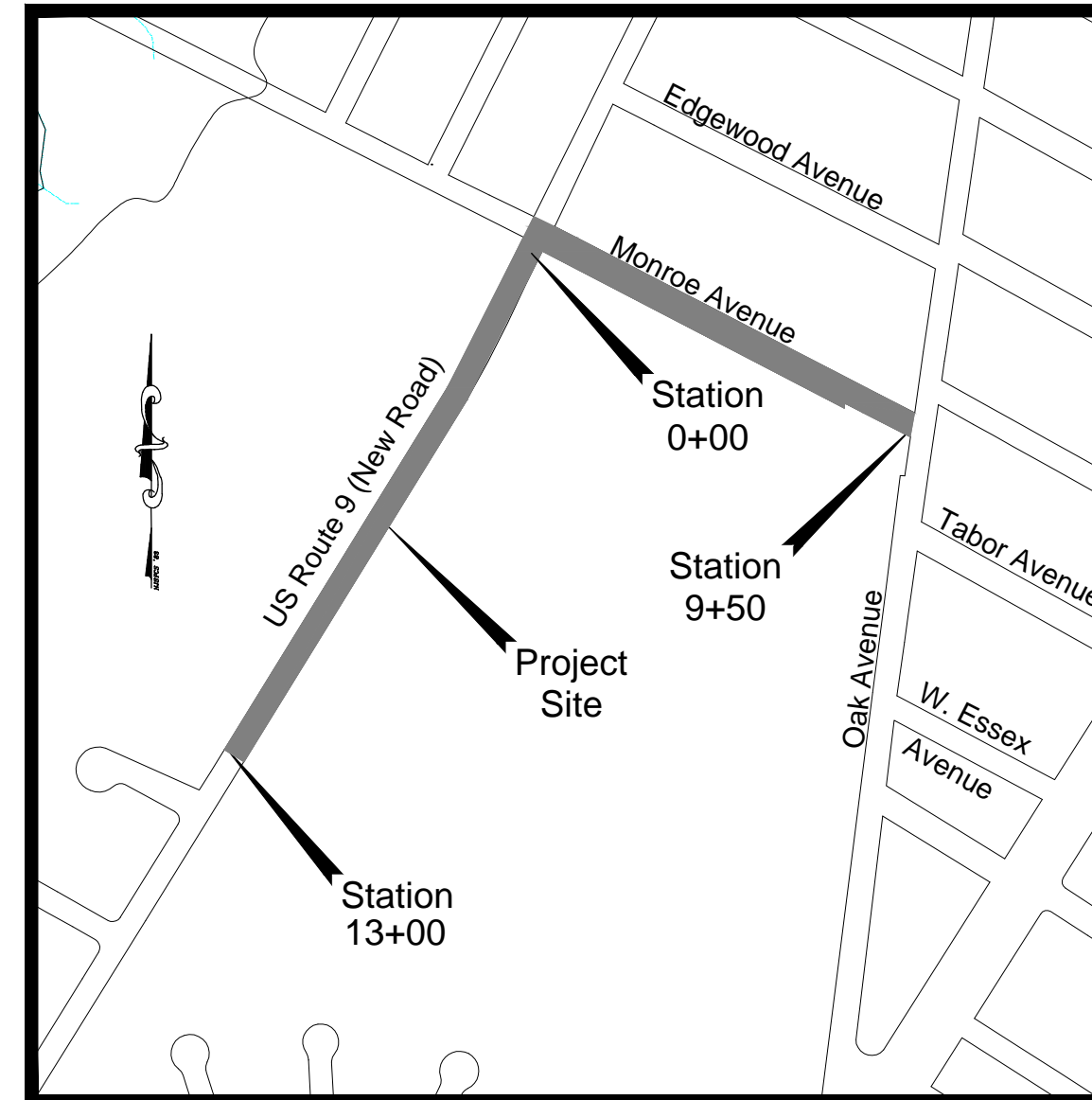
**City Clerk**

Leigh Ann Napoli, RMC

Contract No. 2  
 February 2015

**GENERAL NOTES**

1. ALL TRAFFIC SIGN PLACEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF 'STANDARD HIGHWAY SIGNS' AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
2. ALL CONSTRUCTION UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH NJDOT STANDARD DETAIL, THE NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, 2007 AND AS AMENDED BY THE SUPPLEMENTARY SPECIFICATIONS.
3. PURSUANT TO NJAC 5:23 - 2.21 (A) AND (C) OF THE UNIFORM CONSTRUCTION CODE, THE GENERAL CONTRACTOR IS HEREBY DESIGNATED AS THE "RESPONSIBLE PERSON IN CHARGE OF CONSTRUCTION" AND THE SITE SUPERVISOR RESPONSIBLE FOR CONSTRUCTION SITE SAFETY DURING THE COURSE OF SITE IMPROVEMENTS.
4. ALL HANDICAP RAMP DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST DESIGN STANDARDS SET FORTH BY BARRIER-FREE DESIGN; SELECTED FEDERAL LAWS AND ADA ACCESSIBILITY GUIDELINES AND NJDOT STANDARD ROADWAY CONSTRUCTION DETAILS. CONTRACTOR SHALL PAY SPECIAL ATTENTION DETECTABLE WARNING SURFACE MATERIAL REQUIREMENTS.
5. ALL MATERIAL REMOVED FROM THE CONSTRUCTION AREA BY THE CONTRACTOR SHALL BE LEGALLY AND PROPERLY DISPOSED OF AT A LAWFUL LANDFILL OR RECYCLE STATION OFFSITE. NO TREE LIMBS, TREE TRUNKS, EXCAVATED ROOT MATERIAL, OR EXCAVATED ROADWAY MATERIAL SHALL BE BURIED. ALL USEABLE EXCAVATED MATERIAL SHALL BE UTILIZED ON SITE AS BORROW OR STRUCTURAL FILL.
6. CONTRACTOR DAMAGE TO ANY EXISTING FEATURES SUCH AS, BUT NOT LIMITED TO, CONCRETE CURB, CONCRETE WALK, TREES, SHRUBS, LAMP POSTS, MAILBOXES, PLANTER AREAS, PRIVATE LAWNS, DRIVES, AND IRRIGATION SYSTEMS NOT SCHEDULED FOR REMOVAL SHALL BE RESTORED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
7. CONTRACTOR SHALL VERIFY IN FIELD ALL CONDITIONS AS SHOWN ON THE PLANS AND BE RESPONSIBLE FOR FIELD MEASUREMENTS FOR ALL NEW CONSTRUCTION.
8. CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS IMPOSED BY ALL REGULATORY AGENCIES HAVING JURISDICTION AS IT RELATES TO THE CONSTRUCTION AND MAINTENANCE OF THE IMPROVEMENTS.
9. CONTRACTOR TO BE RESPONSIBLE FOR ANY CONSTRUCTION LAYOUT AND BEAR ALL EXPENSES THEREWITH.
10. CONTRACTOR SHALL OBTAIN ALL UTILITY MARKOUTS PRIOR TO CONSTRUCTION BY CALLING 1-800-272-1000. CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND FEATURES, STRUCTURES AND FACILITIES BOTH HORIZONTAL AND VERTICAL PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF ANY UTILITIES NECESSARY AND RESETTING OF CASTINGS SUCH AS BUT NOT LIMITED TO WATER METERS, WATER VALVES AND GAS VALVES, ETC. WORK WILL BE COMPLETED AT NO ADDITIONAL COMPENSATION TO THE CONTRACTOR UNLESS SPECIFICALLY NOTED ON THE CONTRACT PLANS.
11. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 72 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATED EFFORTS BETWEEN THE UTILITIES IN THE EVENT OF CONFLICTS.
12. CONTRACTOR TO NOTIFY ALL AFFECTED RESIDENTS BY MEANS OF A DOOR HANGER A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION AND PAVING. THE DOOR HANGER SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO DISTRIBUTION.
13. ALL DISTURBED EARTH SURFACES SHALL BE RESTORED AND SEEDED IN ACCORDANCE WITH PROJECT SPECIFICATIONS AS APPROVED BY THE ENGINEER.
14. WHERE CURB IS TO BE CONSTRUCTED IN AREAS WHERE ROADWAY WIDENING IS SCHEDULED, THE CONTRACTOR SHALL EXERCISE CARE WHEN REMOVING EXISTING CURB OR CONSTRUCTING NEW CURB SO AS TO MINIMIZE THE EXTENT OF DISTURBANCE. COST OF RESTORATION SHALL BE INCLUDED IN UNIT PRICE FOR CONCRETE CURB.
15. CONTRACTOR TO CHECK SITE TOPOGRAPHY PRIOR TO CONSTRUCTION. ANY CONFLICTS MUST BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER FOR DIRECTION.
16. THE CONTRACTOR SHALL ENSURE THAT ALL MATERIALS, METHODS AND DETAILS OF CONSTRUCTION CONFORM TO APPLICABLE STATUTES, REGULATIONS, ORDINANCES AND STANDARDS OF THE GOVERNMENTAL BODIES HAVING JURISDICTION OVER SUCH WORK.
17. THE CONTRACTOR SHALL PROCURE ALL REQUIRED PERMITS, LICENSES, AND INSPECTIONS, PAY ALL CHARGES AND FEES AND GIVE NOTICES NECESSARY FOR AND INCIDENTAL TO THE DUE AND LAWFUL PROSECUTION OF THE PROJECT, UNLESS OTHERWISE NOTED.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING, GRUBBING, RESTORING, PAVING, TOPSOILING, FERTILIZING AND SEEDING ALL AREAS DISTURBED BY HIS ACTIVITIES.
19. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE DETAILS HEREIN AND THE NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
20. NO MATERIAL SHALL BE PLACED OR ANY DISTURBANCE PERMITTED BEYOND THE LIMIT OF CONSTRUCTION, OR RIGHT-OF-WAY WITHOUT THE WRITTEN PERMISSION OF THE PROPERTY OWNER DIRECTLY INVOLVED.
21. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND SUPPORT ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION. IN THE EVENT UTILITIES MUST BE REMOVED AND REPLACED, THE CONTRACTOR SHALL INCLUDE THIS COST IN THE PRICE APPLICABLE BID ITEMS. DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE UTILITY OWNER.
22. RESETTING OF WATER VALVE BOXES, GAS VALVE BOXES OR OTHER APPURTENANCES WITHIN THE ROADWAY SURFACE OR WITHIN OTHER CONSTRUCTION AREAS THAT ARE NOT SPECIFICALLY IDENTIFIED WITHIN THE PLANS SHALL BE COMPLETED UNDER THE ITEM FOR CLEARING SITE. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
23. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING IRRIGATION LINES WHETHER MARKED OUT OR NOT.
24. THE CONTRACTOR IS RESPONSIBLE FOR THE RELOCATION OF ANY IRRIGATION LINES ENCOUNTERED DURING CONSTRUCTION. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.
25. ALL USEABLE EXCAVATED MATERIAL SHALL BE UTILIZED ON SITE AS BORROW OR STRUCTURAL FILL. PAYMENT FOR ROADWAY EXCAVATION WILL BE MADE FOR MATERIALS TRUCKED OFF SITE FOR DISPOSAL.
26. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ANY EXISTING WORKING LOOP DETECTORS, AND IF DAMAGED, MUST RESTORE THEM TO WORKING CONDITION OR INSTALL VIDEO DETECTOR(S).



Township of Linwood Taxmap Keymap

**Tax Map**

Scale: Not to Scale

**UTILITY NOTES**

**ATLANTIC CITY ELECTRIC**  
 2542 FIRE ROAD  
 EGG HARBOR TOWNSHIP, NEW JERSEY 08234  
 WILLIAM EDWARDS  
 (609) 645-4693  
 FAX: (609) 645-1653

**LINWOOD PUBLIC WORKS**  
 400 POPLAR AVENUE  
 LINWOOD, NJ 08221  
 HANK KOLAKOWSKI, CPWM  
 (609)-926-7994

**VERIZON**  
 11 SOUTH SHORE ROAD  
 MARMORA, NEW JERSEY 08223  
 JOHN BRENNAN  
 (609) 390-3142  
 FAX: (609) 390-4382

**SOUTH JERSEY GAS COMPANY**  
 111 N. FRANKLIN AVENUE  
 PLEASANTVILLE, NEW JERSEY 08232  
 JOHN EICHINGER  
 (609) 645-2690 ext. 6339  
 FAX: (609) 645-9752

**NEW JERSEY AMERICAN WATER CO.**  
 3215 FIRE ROAD  
 EGG HARBOR TOWNSHIP, NEW JERSEY 08234  
 TIMOTHY GREEN  
 (609) 677-8640  
 FAX: (609) 641-7729

**COMCAST CABLE**  
 901 WEST LEEDS AVENUE  
 ABSECON, NEW JERSEY 08201  
 BOB MAYEUX  
 (609) 677-7332  
 FAX: (609) 677-7301

**CENTRAL LOCATING SERVICE / NJ ONE CALL**  
 800-272-1000  
 FAX: 800-705-4559

**UTILITY NOTE**  
 PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A FIELD MARK-OUT OF SUB-SURFACE UTILITIES. CALL 1-800-272-1000

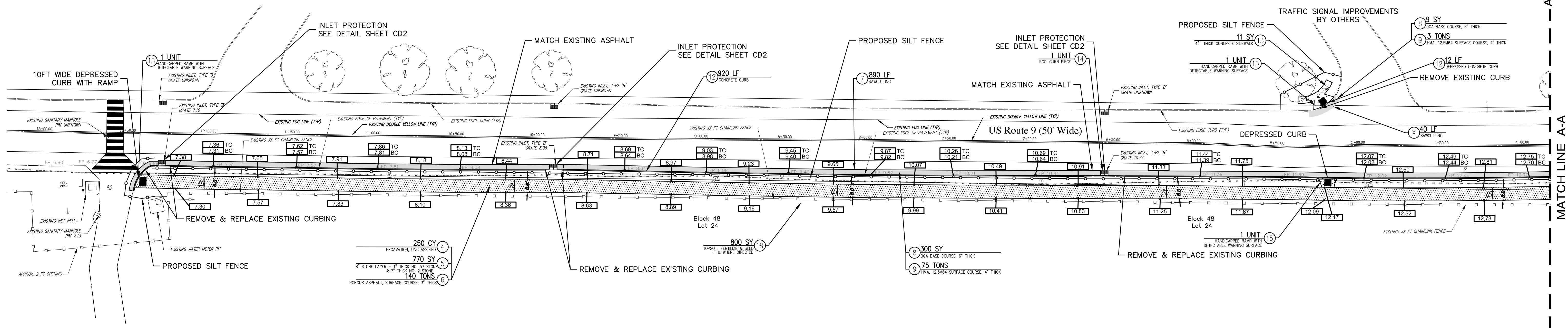
Index of Drawings		
Order	Sheet	Description
1	C1	Cover Sheet
2	P1	Route 9 (New Road) - Sta. 0+00 to 13+00
3	P2	Monroe Avenue - Sta. 0+50 to 5+00
4	S1	Striping Plan
5	CD1	Construction Details
6	CD2	Construction Details
7	TCP	Traffic Control Plan
8	ALT	Monroe Avenue - Alternate Bid - Sta. 5+00 to 9+50



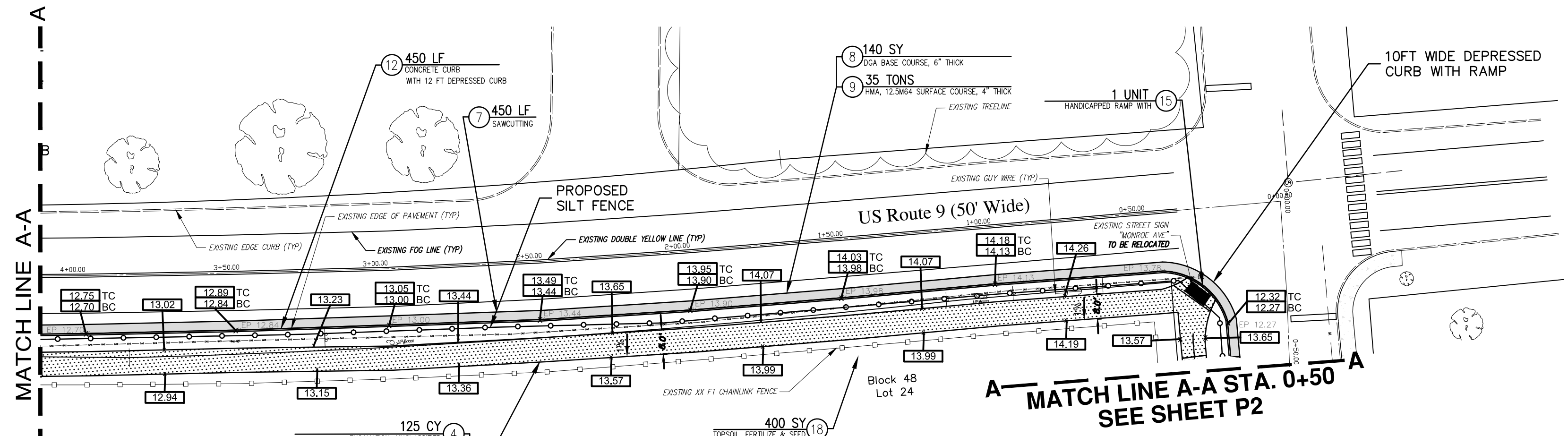
6684 Washington Avenue  
 Egg Harbor Township, NJ 08234  
 609.646.2950

New Jersey State Board of Professional Engineers & Land Surveyors  
 Certificate of Authorization No. 24GA28091200

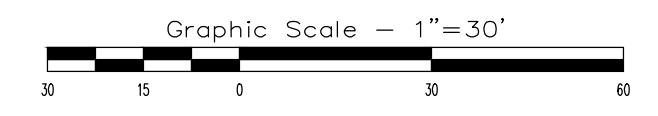
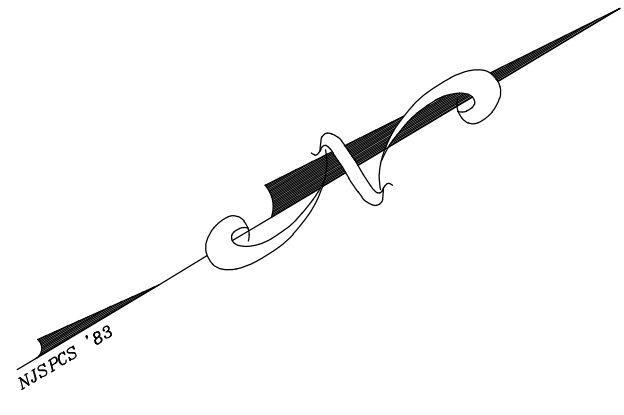
Vincent J. Polistina  
 Professional Engineer  
 New Jersey License No. 41978



STA.13+00 to 4+00  
SCALE: 1" = 30'



STA.4+00 to 0+00  
SCALE: 1" = 30'

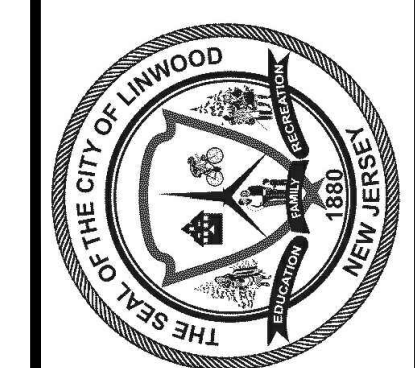


Date	8/21/14
By	VJP
Approved	VJP
Checked	VJP
Drawn	SJA
Designated	SJA

Vincent J. Polistina  
Professional Engineer  
New Jersey License No. 41978

**POLISTINA**  
Associates, LLC  
Engineers & Planners  
6684 Washington Avenue  
Egg Harbor City, NJ 08234  
Egg Phone: (609) 646-2950  
State Board of Professional Engineers & Land Surveyors  
Certificate of Authorization No. 24G42891200

The City of Linwood  
Atlantic County, New Jersey  
**Linwood Bikepath**  
Route 9 (New Road)  
Sta. 13+00 to 0+00

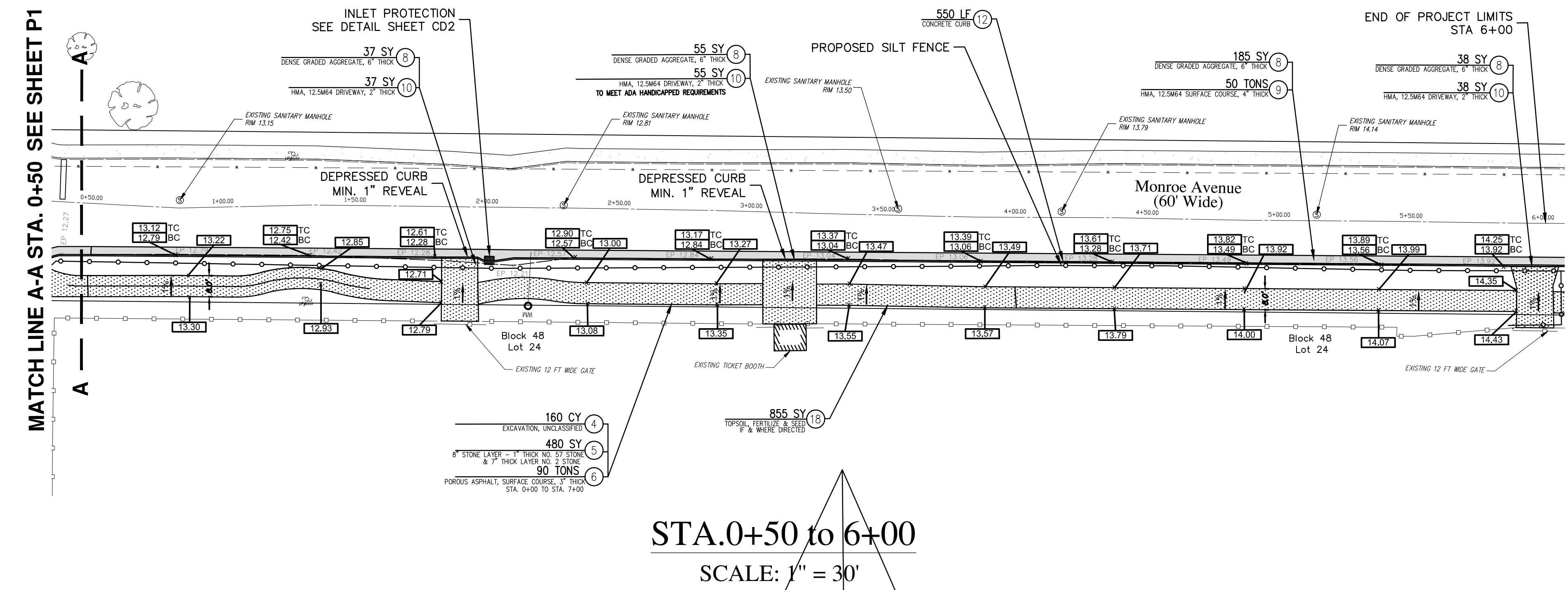


Job No.	7500.07	Sheet No.	P1
Order	2	Total	8

**FINAL FOR CONSTRUCTION**

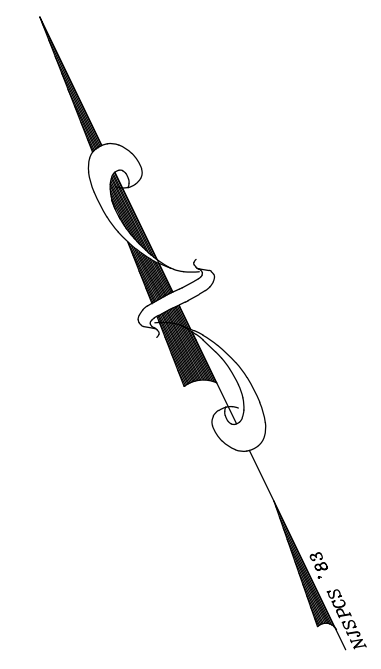
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STA.0+50 to 6+00  
SCALE: 1" = 30'

ESTIMATED STOP POINT - NEED TO RECALCULATED WHEN BIDS ARE RECIEVED



By	Date
VJP	8/21/14
Checked	VJP
Drawn	SJA
Designated	SJA
Date	
Revision	

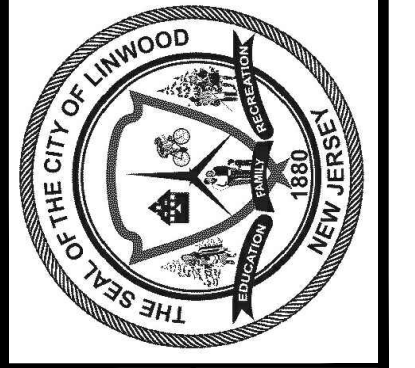
Vincent J. Polistina  
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New Jersey License No. 41978

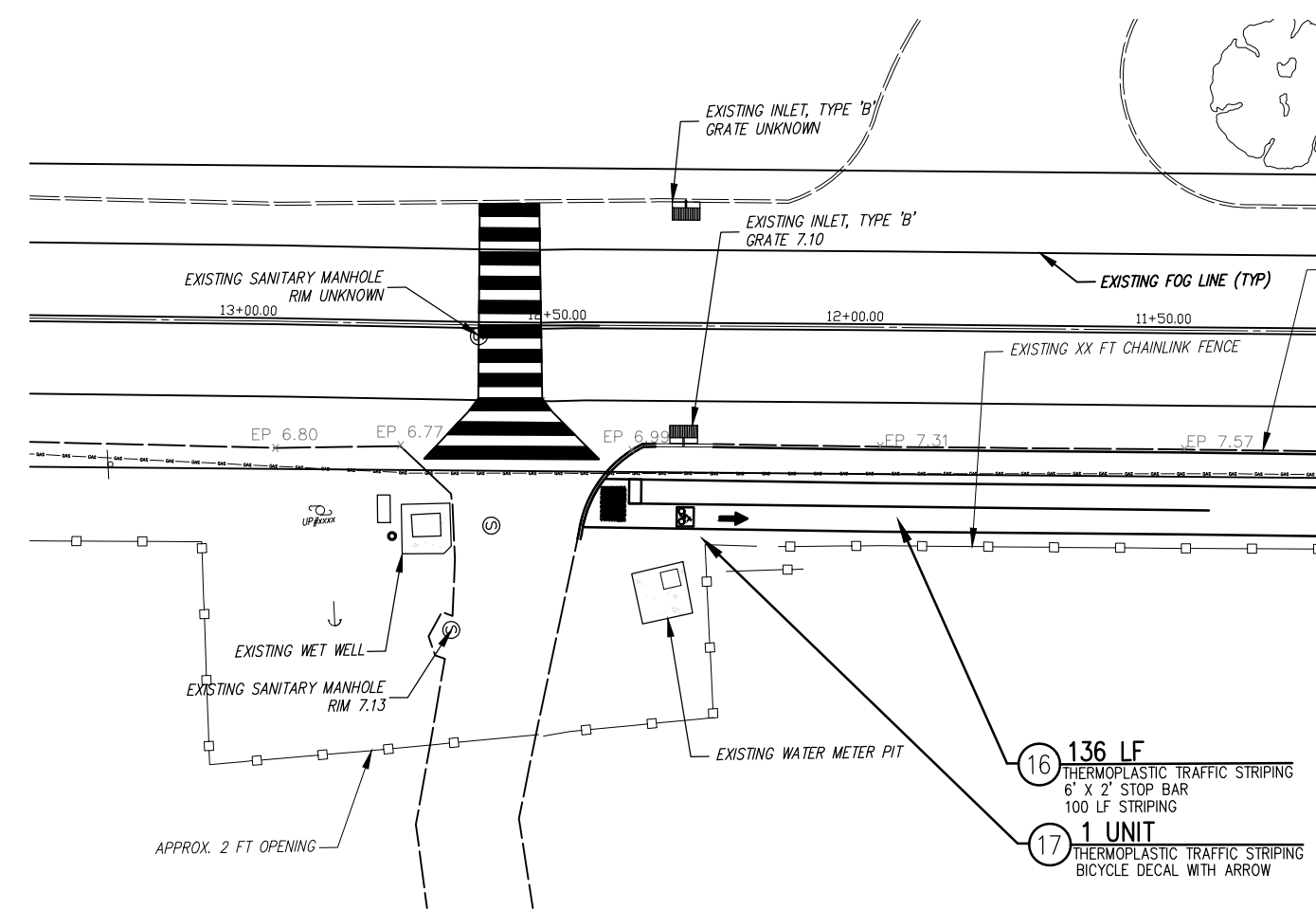
**POLISTINA**  
Associates, LLC  
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6684 Washington Avenue  
Egg Harbor Township, NJ 08234  
Phone: (609) 646-2955  
Fax: (609) 646-2956  
Certificate of Authorization No. 24CAX20091200

The City of Linwood  
Atlantic County, New Jersey  
**Linwood Bikepath**  
Monroe Avenue  
Sta. 0+50 to 6+00

Job No.	7500.07	Sheet No.	P2
Order	3	Total	8

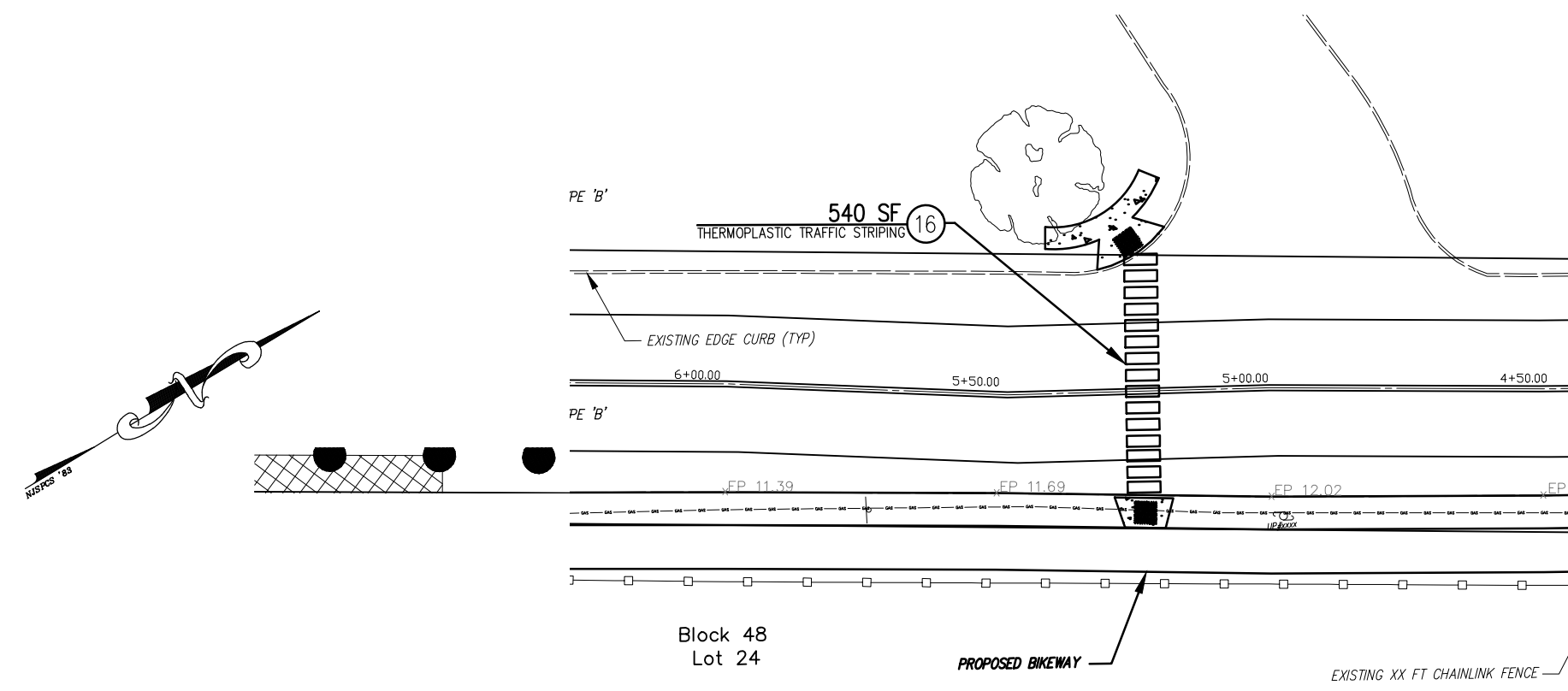
**FINAL FOR CONSTRUCTION**





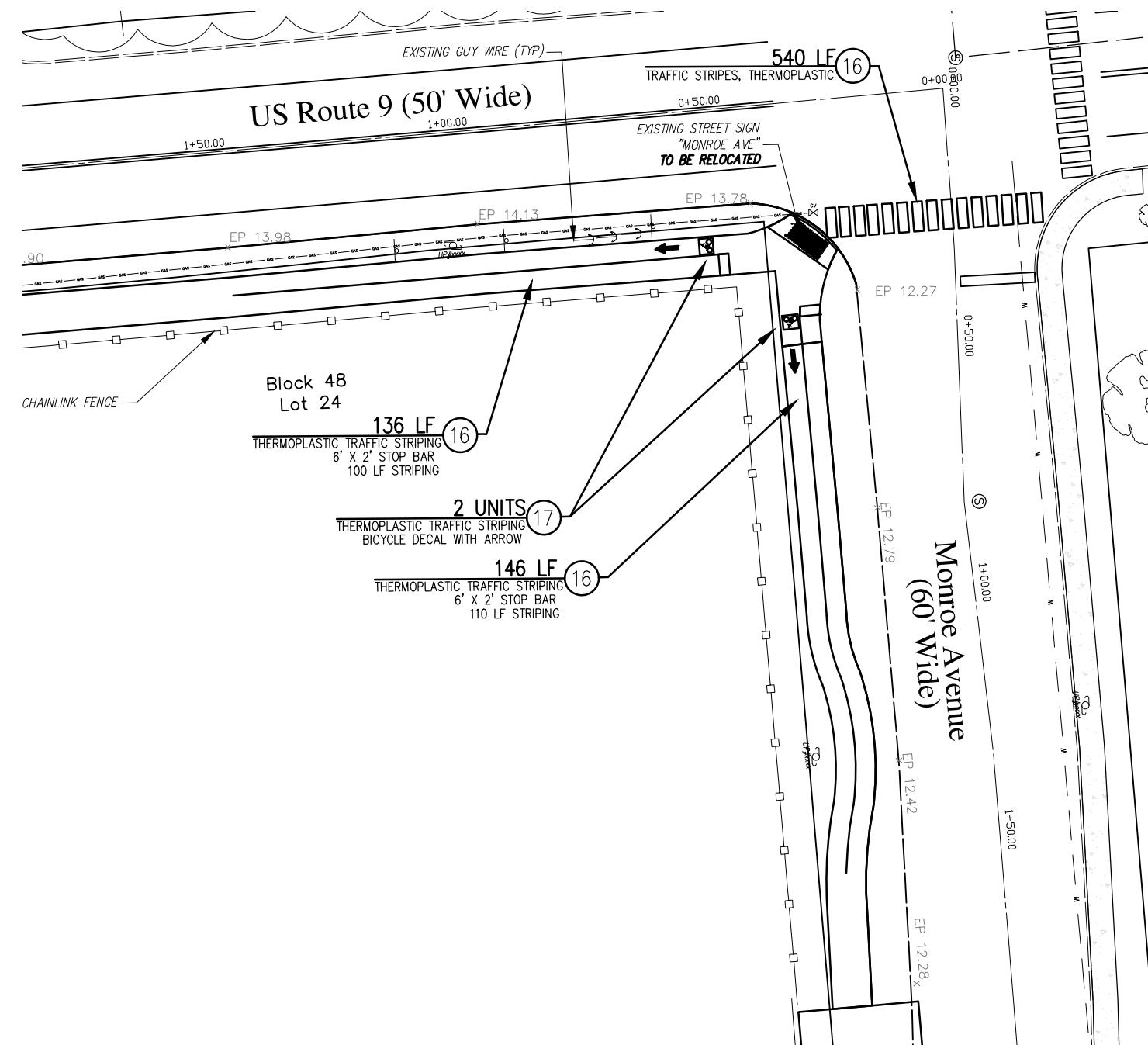
STA.12+50 to 11+50 (US Route 9)

SCALE: 1" = 30'



STA.5+75 (US Route 9)

SCALE: 1" = 30'



STA.0+00 to 1+50 (US Route 9)  
STA.0+00 to 1+75 (Monroe Avenue)

SCALE: 1" = 30'

Item	Description	Unit	Contract Quantity	Quantity This Sheet	As-Built Quantity
1	Mobilization & Permits	LS	1	0	-
2	Clearing Site	LS	1	0	-
3	Soil Erosion & Sediment Control Measures	LS	1	0	-
4	Excavation Unclassified	CY	460	0	-
5	3/4" Washed Stone, 6" Thick	SY	1,620	0	-
6	Porous Asphalt, Surface Course, 3" Thick & Variable	TON	330	0	-
7	Saw cutting	LF	1,380	0	-
8	Dense Graded Aggregate, 6" Thick	SY	579	0	-
9	HWA, 12 S/M4 Surface Course 4" Thick	TON	124	0	-
10	HWA, 12 S/M4 Driveway, 2" Thick	SY	130	0	-
11	Reset Utility Casting, F & Where Directed	UNIT	10	0	-
12	Concrete Curb	LF	1,382	0	-
13	Concrete Sidewalk, 4" Thick	SY	11	0	-
14	Eco-Curb Piece	UNIT	1	0	-
15	Handicapped Ramp w/ Detectable Warning Surface	UNIT	4	0	-
16	Traffic Striping, Thermoplastic	LF	1,898	1,898	-
17	Bicycle Decal With Arrow, Thermoplastic	UNIT	3	4	-
18	Top Soil, Fertilize & Seed	SY	1,680	0	-
19	Breakaway Barricades	UNIT	16	0	-
20	Breakaway Barricades w/ Signs	UNIT	10	0	-
21	Construction Signs	SF	480	0	-
22	Traffic Drums	UNIT	40	0	-
23	Traffic Cones	UNIT	40	0	-
24	Traffic Directors - Flaggers (2 Flaggers - 2 Weeks)	UNIT	160	0	-
25	Traffic Directors - Police (2 Officers - 2 Weeks)	HR	160	0	-
26	Fuel Price Adjustment	LS	1	0	-
27	Asphalt Price Adjustment	LS	1	0	-

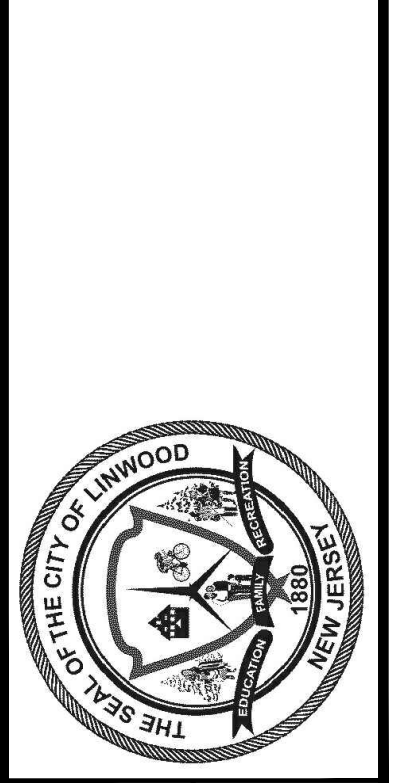


Revision	Checked	Drawn	Date	By
VJP	VJP	SJA	SJA	8/22/14

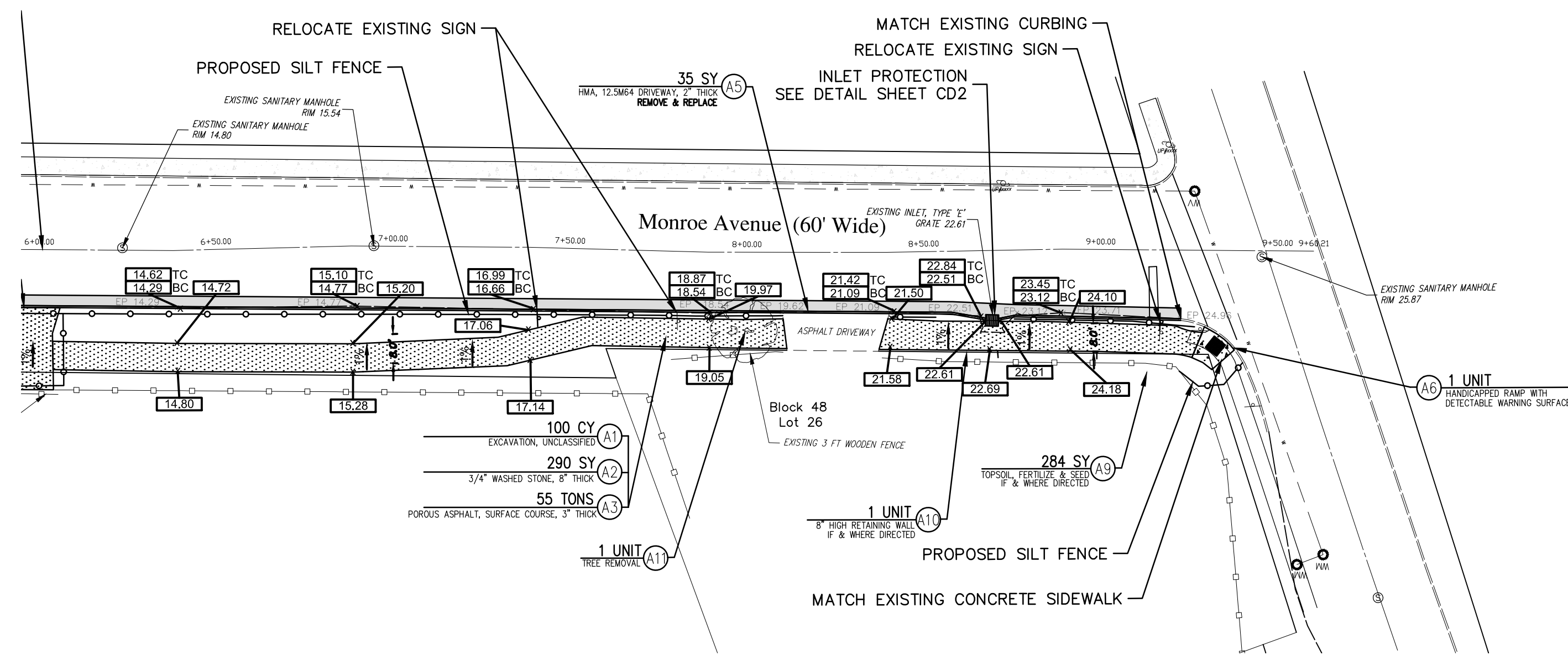
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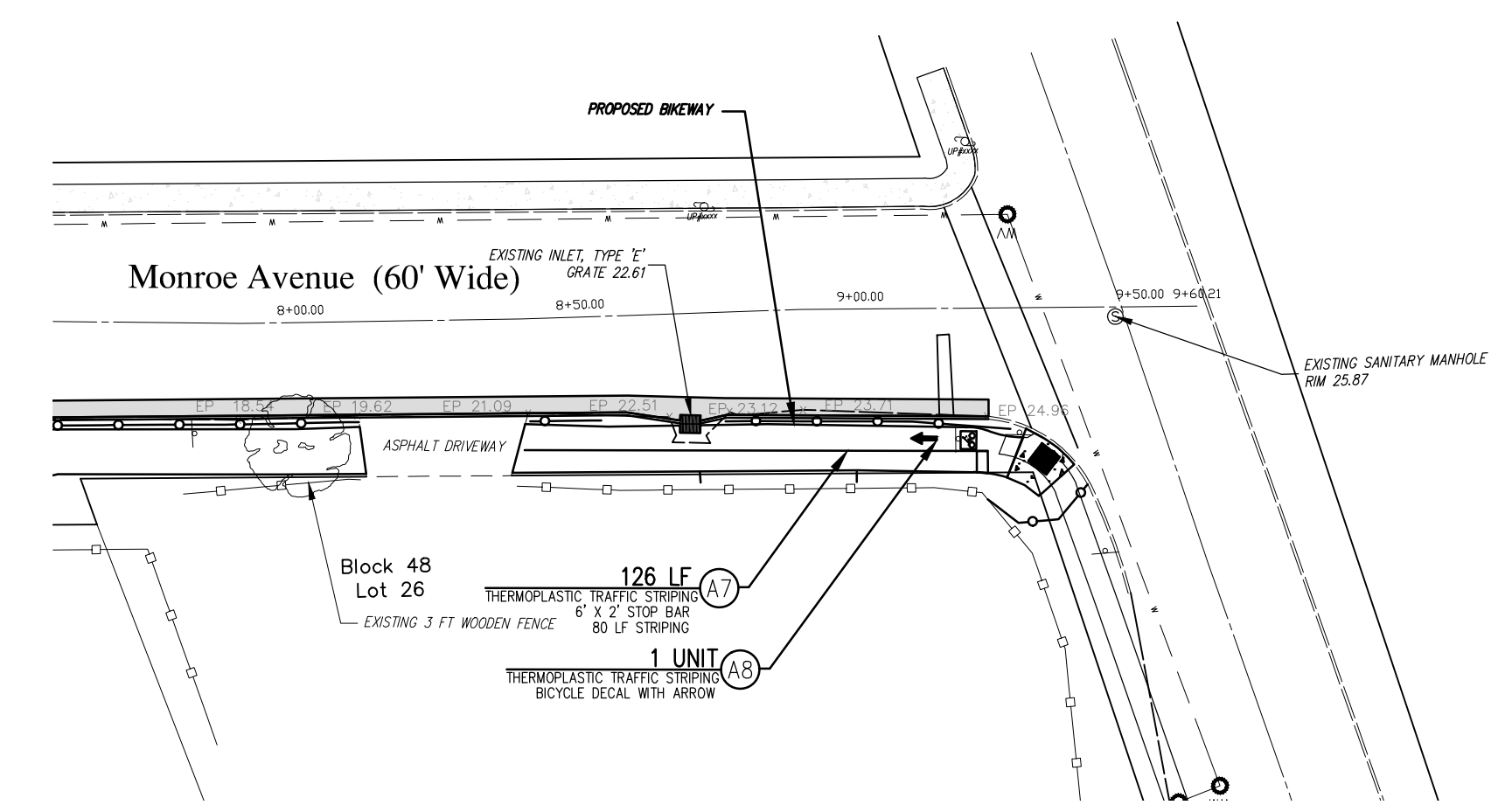
The City of Linwood  
Atlantic County, New Jersey  
**Linwood Bikepath**  
Striping Plan



Job No. 7500.07	Sheet No. S1
Order 4	Total 8

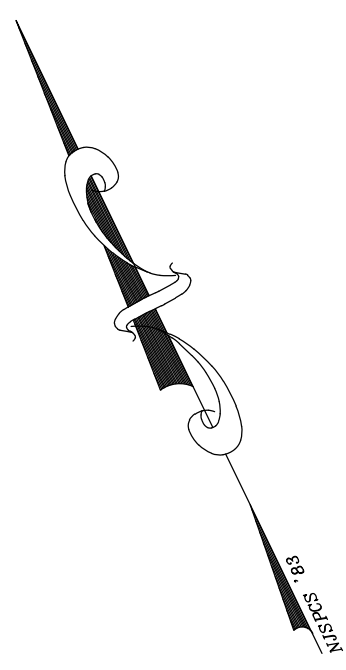


**STA.6+00 to 9+50**  
SCALE: 1" = 30'



**STA.8+00 to 9+50 - Striping**  
SCALE: 1" = 30'

Schedule of Quantities - Alternate Bid			
Item	Description	Unit	Contract Quantity
A1	Excavation, Unclassified	CY	100
A2	3/4" Washed Stone, 3" Thick	SY	280
A3	Porous Asphalt, Surface Course, 3" Thick	TON	55
A4	Dense Graded Aggregate, 6" Thick	SY	35
A5	HMA, 12.5M64 Driveway, 2" Thick	SY	35
A6	Handicapped Ramp with Detectable Warning Surface	UNIT	1
A7	Traffic Stripes, Thermoplastic	LF	126
A8	Bicycle Decal With Arrow, Thermoplastic	UNIT	1
A9	Top Soil, Fertilize & Seed	SY	284
A10	8' High Retention Wall, 1' & Where Directed	UNIT	1
A11	Tree Removal	UNIT	1



By	Date
VJP	8/21/14

Revision	Checked	Drawn	Date
VJP	VJP	SJA	SJA

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The City of Linwood  
Atlantic County, New Jersey  
**Linwood Bikepath**  
Monroe Avenue - Alternate Bid  
Sta. 6+00 to 9+50

Job No.	7500.07	Sheet No.	ALT
Order	8	Total	8

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