

# DEPARTMENT OF PUBLIC WORKS NASSAU COUNTY, NEW YORK



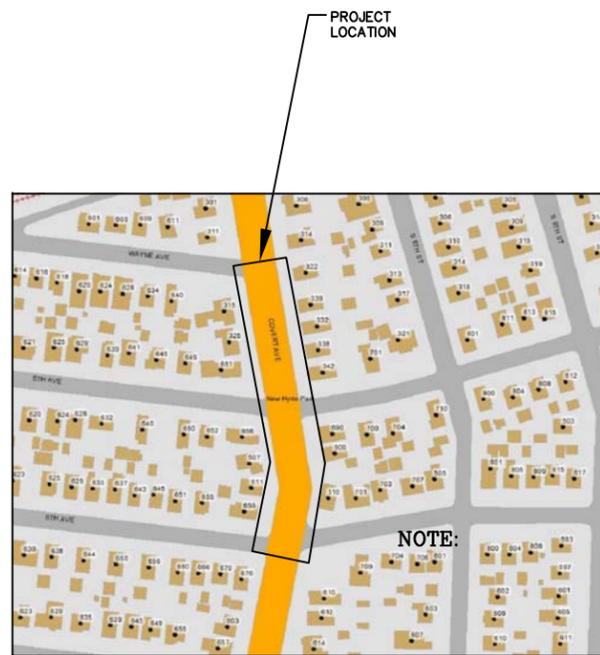
## COVERT AVE

NEW HYDE PARK  
TOWN OF NORTH HEMPSTEAD

PLANS TO EXTEND CURBLINES  
FROM WAYNE AVE TO 6TH AVE

### SHEET INDEX

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LOCATION MAP

CONTRACT No. 66302  
July 15

CONSTRUCTION COMPLETED

CONSTRUCTION ENGINEER DATE

NOTE:  
Under N.Y.S. Education Law Sec. 7209 Sub. 2, it is illegal for any person, unless acting under the direction of a LICENSED Professional Engineer, to alter any item on this material in any way. If any item is so altered, the Professional Engineer who so alters or who directs another to so alter, shall affix to the items his seal and the notation "altered by" followed by his signature, the date of the alteration and a specific description of the alteration.

CIVIL ENGINEERING UNIT:  
 APPROVED  REJECTED  
CHECKED BY: \_\_\_\_\_

TRAFFIC ENGINEERING UNIT:  
 APPROVED  REJECTED  
CHECKED BY: \_\_\_\_\_

OTHER DEPT.: \_\_\_\_\_  
 APPROVED  REJECTED  
CHECKED BY: \_\_\_\_\_

1	ADDED MILLING PLAN (SHEETS # 7 - 8)	7/21/2015
NO.	REVISION DESCRIPTION	DATE
COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS		
<u>TITLE SHEET</u> COVERT AVE - NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.		
CONTRACT NO. 66302	SCALE AS SHOWN	DATE Jul-15
		SHEET NO. 1 OF 15

# GENERAL NOTES

## SPECIFICATIONS AND STANDARDS

- ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE IN CONFORMITY WITH THE FOLLOWING NASSAU COUNTY STANDARD SPECIFICATIONS AND DRAWINGS:
- COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS, 2009 STANDARD SPECIFICATIONS AND DETAIL SHEETS FOR CIVIL ENGINEERING AND SITE DEVELOPMENT CONSTRUCTION.
  - COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS AND STANDARD SHEETS FOR THE CONSTRUCTION OF SANITARY SEWERS, JUNE 2003.
  - COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS AND GENERAL ENGINEERING TRAFFIC UNIT, TRAFFIC SIGNAL SPECIFICATIONS AND STANDARD TRAFFIC DRAWINGS, NOVEMBER 1998. ALL AS MODIFIED IN THE CONTRACT PLANS AND SPECIFICATIONS ADDENDA.

## UTILITY NOTES

THE LOCATIONS AND SIZES OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND ARE NOT GUARANTEED. THE CONTRACTOR IS FOREWARNED TO ASCERTAIN AND DETERMINE THE PRECISE LOCATIONS PREPARATORY TO EXCAVATION. "NEW YORK 811" TELEPHONE NUMBER IS 811.

THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL VOLTAGES CARRIED IN OVERHEAD OR UNDERGROUND UTILITY SERVICES. PSEG-LI WILL FURNISH ELECTRIC SERVICE INFORMATION UPON REQUEST. NATIONAL GRID WILL FURNISH APPROXIMATE LOCATIONS AND DEPTHS OF GAS MAINS UPON REQUEST. THIS INFORMATION IS NOT GUARANTEED. THE CONTRACTOR SHALL INDEPENDENTLY DETERMINE WHETHER INTERFERENCE EXISTS IN ALL CRITICAL AREAS.

NASSAU COUNTY OWNED UTILITIES SHALL BE LOCATED BY TONING, TEST HOLES & OTHER METHODS AS APPROVED BY THE ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO REPAIR OR REPLACE UTILITIES DAMAGED BY CARELESSNESS.

## MAINTENANCE OF TRAFFIC NOTES

THE CONTRACTOR SHALL PERFORM HIS WORK IN SUCH A MANNER AND SEQUENCE THAT INTERFERENCE, RESTRICTIONS AND DELAYS TO THE TRAVELING PUBLIC WILL BE KEPT TO AN ABSOLUTE MINIMUM.

THE CONTRACTOR SHALL PROVIDE SAFE AND PASSABLE WALKWAYS, THAT ARE ADA COMPLIANT, FOR PEDSTRIAN TRAFFIC WITHIN THE PROJECT LIMITS.

ALL WORK SHALL BE DONE IN ACCORDANCE TO THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE PROVISIONS OF THE NEW YORK STATE SUPPLEMENT TO THE NATIONAL MUTCD.

## TREE REMOVAL NOTES

THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO AVOID DAMAGE TO NATURAL GROWTH WITHIN THE PROJECT AREA. THE CONTRACTOR WILL BE REQUIRED TO REPLACE AT HIS OWN EXPENSE TREE, SHRUBBERY AND OTHER NATURAL FEATURES DESTROYED OR DAMAGED THROUGH CARELESSNESS.

## ARCHAEOLOGICAL NOTES

WHEN ITEMS HAVING POSSIBLE ARCHAEOLOGICAL VALUE ARE ENCOUNTERED IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL IMMEDIATELY HALT WORK IN THE VICINITY AND CALL TO THE ATTENTION OF THE ENGINEER THE PRESENCE OF SUCH ITEMS. THE ENGINEER WILL EITHER ORDER WORK TO PROCEED, OR INSTRUCT THAT THE WORK HALT BE EXTENDED UNTIL THE COUNTY ARCHAEOLOGIST CAN BE CONSULTED, AND PROPER STEPS CAN BE EMPLOYED TO PROTECT AND EXTRACT THE SPECIMENS.

THE CONTRACTOR SHALL HAVE NO CLAIM TO THE OWNERSHIP OF ANY SUCH ITEM, NOR TO EXTRA PAYMENT FOR DELAY WHICH MAY RESULT.

## SUBGRADE EXCAVATION NOTES

ALL UNDESIRABLE MATERIAL IN THE SUBGRADE SHALL BE EXCAVATED UNDER ITEM 2, AND BACKFILLED WITH EXCESS SUITABLE ITEM 2 MATERIAL, WHERE AVAILABLE, OR ITEM 5C AND STABILIZED TO THE SATISFACTION OF THE ENGINEER.

## CLEANING OF EXISTING DRAINAGE NOTES

THE EXISTING DRAINAGE SYSTEM THAT LIES WITHIN THE CONTRACT LIMITS SHALL BE CLEANED UNDER ITEM 12H.

## REMOVAL & REINSTALLATION OF SIGNS NOTES

WORK TO BE DONE UNDER THIS CONTRACT SHALL INCLUDE THE REMOVAL, SAFE STORAGE AND REPLACEMENT OF ALL STREET NAME SIGNS, REGULATORY OR OTHER TRAFFIC SIGNS WHERE SUCH REMOVAL AND REPLACEMENT IS NECESSARY TO COMPLETE THE WORK, AS PER ITEM 1. THE CONTRACTOR SHALL SUPPLY AND INSTALL A 3" PVC SLEEVE TO FACILITATE THE REINSTALLATION OF STREET NAME, REGULATORY AND PARKING SIGNS IN PAVED AREAS, (CONCRETE OR ASPHALT). THE COST TO BE INCLUDED UNDER ITEM 27 OR ITEM 29.

## SILT PROTECTION NOTES

ALL CATCH BASINS MUST BE PROTECTED PRIOR TO THE START OF WORK - ITEM 141B & ITEM 141C

## ADA CURB RAMP NOTES

ALL CURB RAMPS INSTALLED SHALL BE IN COMPLIANCE WITH THE ADA, PROWAG, AND NCDPW STANDARDS.

CONTRACTOR SHALL VERIFY THE PLACEMENT OF ALL NEW RAMP CONFIGURATIONS PRIOR TO INSTALLATION. CONTRACTOR MUST GIVE 48HRS (2 BUSINESS DAYS) NOTIFICATION FOR NCDPW APPROVAL.

A NCDPW INSPECTOR MUST BE PRESENT DURING THE INSTALLATION OF ANY CURB RAMP.

IT IS RECOMMENDED THAT A SMART LEVEL TOOL (OR EQUIVALENT) IS USED TO CHECK THE SLOPES ON ALL FORM WORK PRIOR TO THE PLACEMENT OF CONCRETE.

NCDPW CIVIL ENGINEERING UNIT MUST BE NOTIFIED OF ANY WORK DONE TO CURB RAMPS TO UPDATE THE TRANSITION PLAN INVENTORY.

## LEGEND

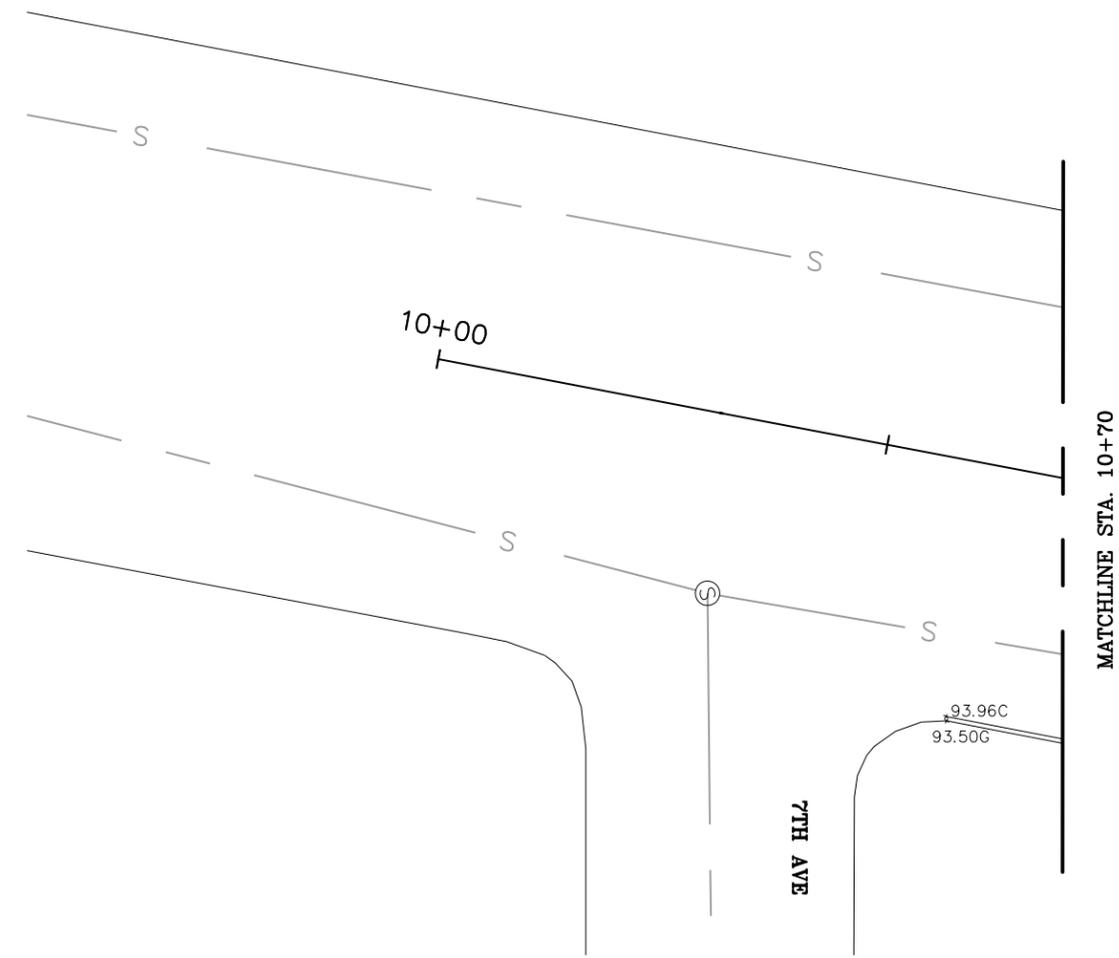
	EXISTING	PROPOSED
EDGE OF PAVEMENT		
CONCRETE CURB		
CONCRETE CURB & GUTTER		
CHAIN LINK FENCE		
WOOD FENCE		
HEDGE, SHRUB		
TREE		
TREE REMOVAL		
DRIVEWAY APRON		
ELEVATION		
GUIDE RAIL		
CATCH BASIN		
STORM DRAIN MANHOLE		
DRAINAGE STRUCTURE NUMBER		
SANITARY SEWER (SIZE AS SHOWN)		
SANITARY SEWER MANHOLE		
WATER MAIN OR SERVICE		
HYDRANT		
GAS VALVE		
WATER VALVE, WATER METER		
UNDERGROUND TELEPHONE		
UTILITY POLE		
UTILITY POLE WITH OVERHEAD LIGHT		
TELEPHONE MANHOLE		
SIDEWALK RAMP		
POST MOUNTED SIGN		
RESTORATION LIMITS		

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COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS			
GENERAL NOTES & LEGEND			
COVERT AVE - NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO. 66302	SCALE AS SHOWN	DATE Jul-15	SHEET NO. 2 OF 15



SCALE: 1" = 20'



**NOTES**

1. THIS SHEET CONTAINS SURVEY DATA ONLY.
2. SEE PAVEMENT MARKING PLAN FOR PROPOSED WORK.

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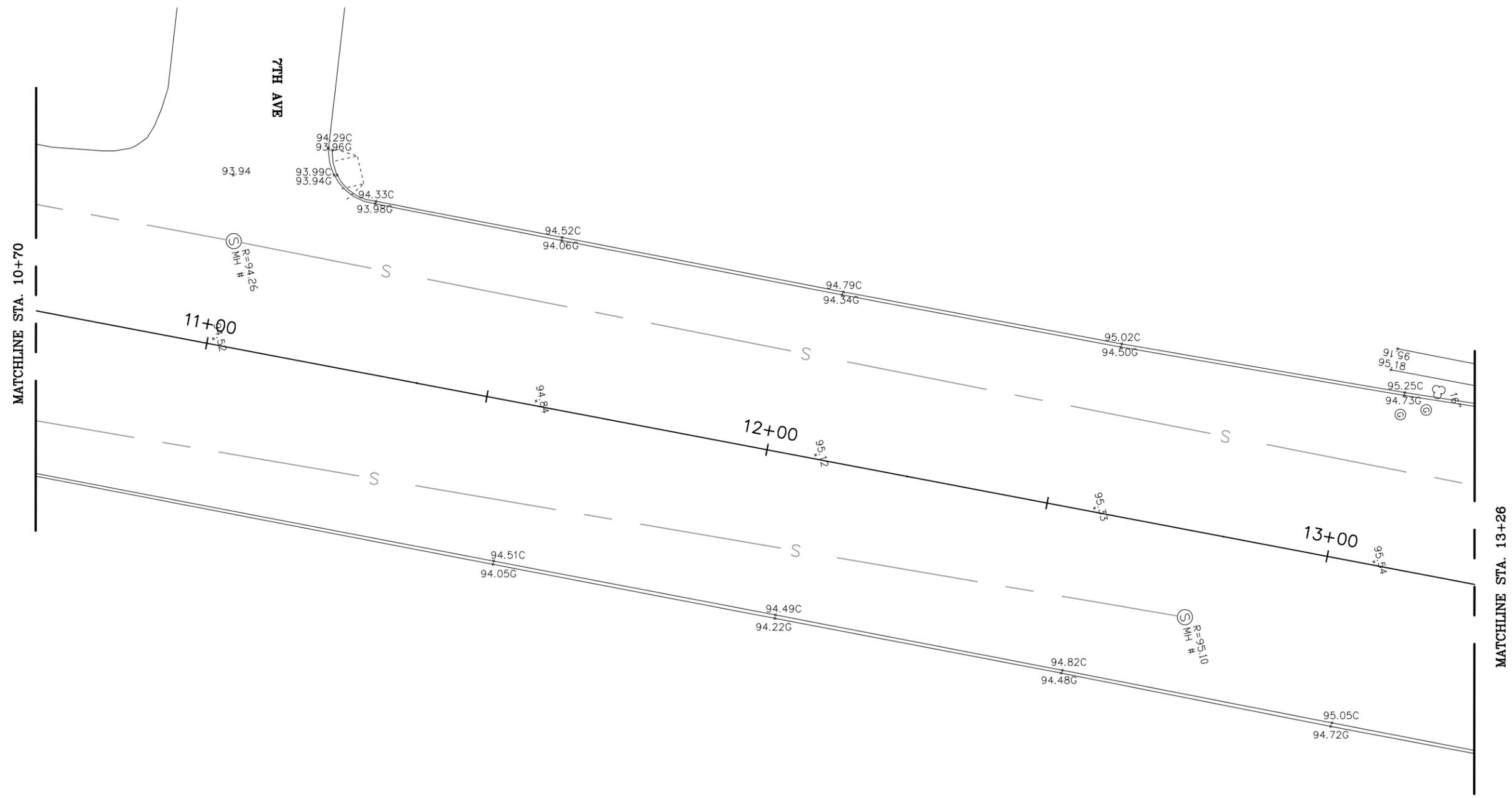
COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS			
<b>CONSTRUCTION PLAN</b>			
COVERT AVE – NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO. 66302	SCALE 1" = 20'	DATE Jul-15	SHEET NO. 3 OF 15

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SCALE: 1" = 20'



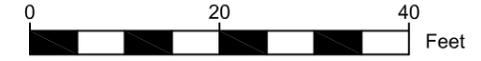
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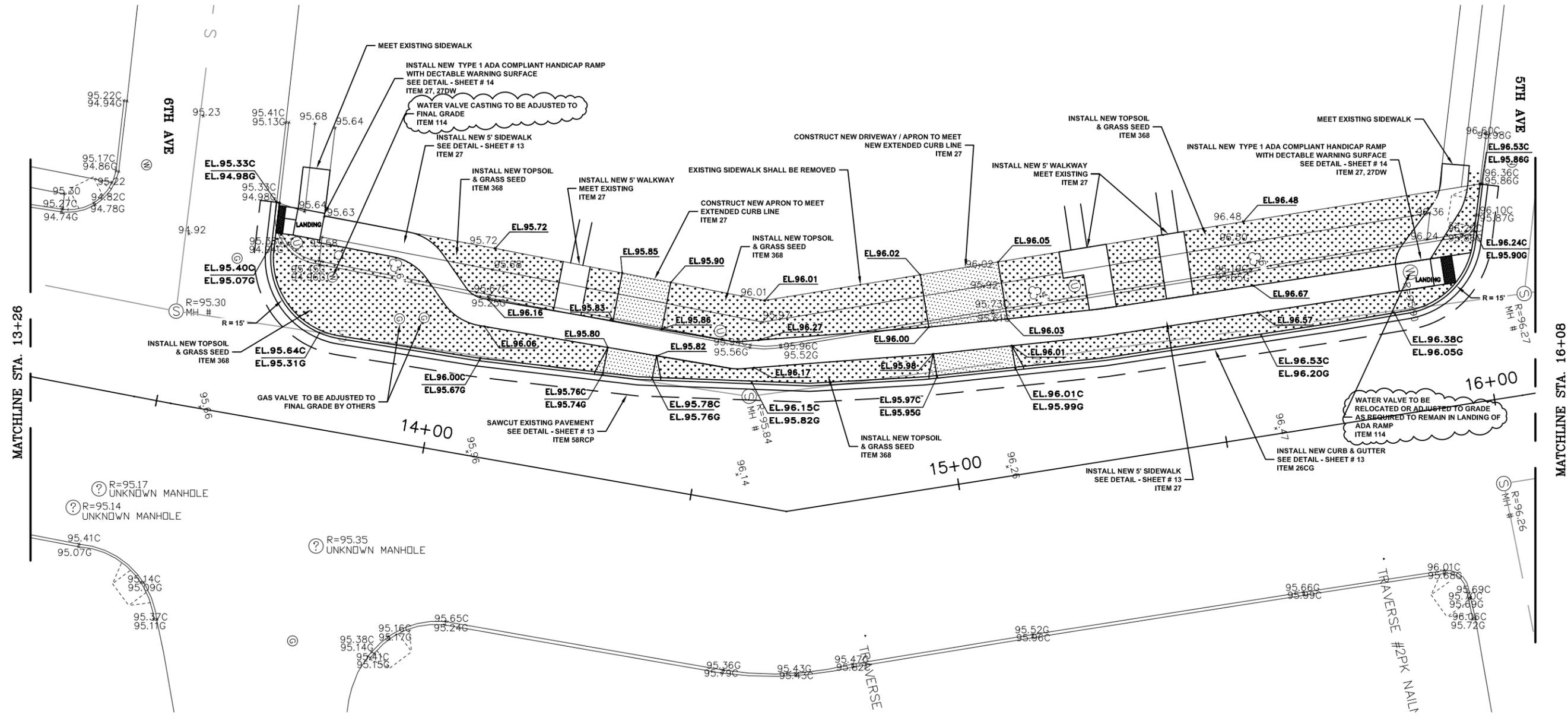
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<b>CONSTRUCTION PLAN</b>			
COVERT AVE – NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO. 66302	SCALE 1" = 20'	DATE Jul-15	SHEET NO. 4 OF 15

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SCALE: 1" = 20'



NOTE:  
SEE SHEET #7-8 FOR MILLING PLAN

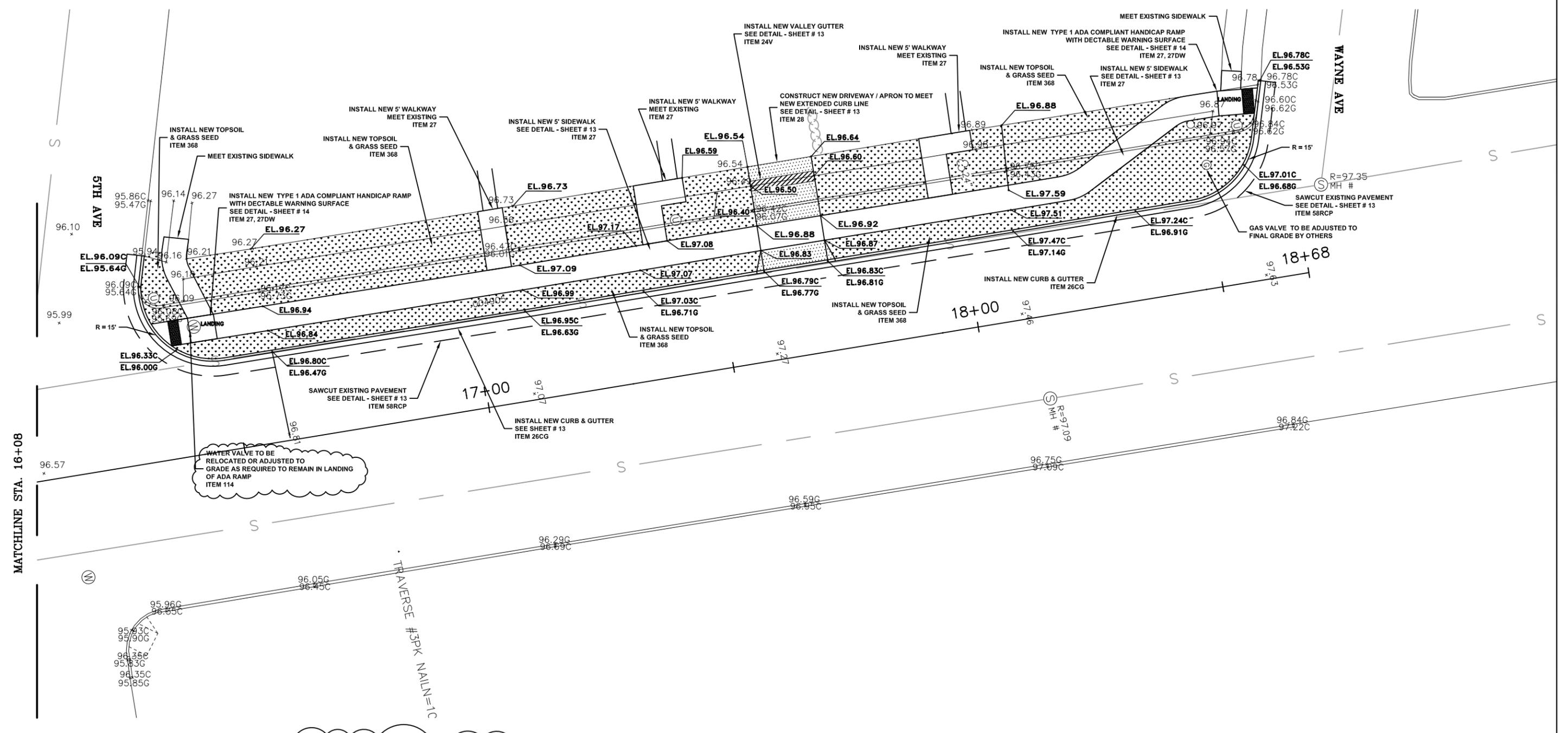
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NO.	ADDED NOTE	DATE	
1		7/21/2015	
	REVISION DESCRIPTION	DATE	
COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS			
CONSTRUCTION PLAN COVERT AVE - NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO.	SCALE	DATE	SHEET NO.
66302	1" = 20'	Jul-15	5 OF 15

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SCALE: 1" = 20'

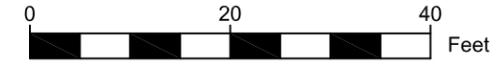


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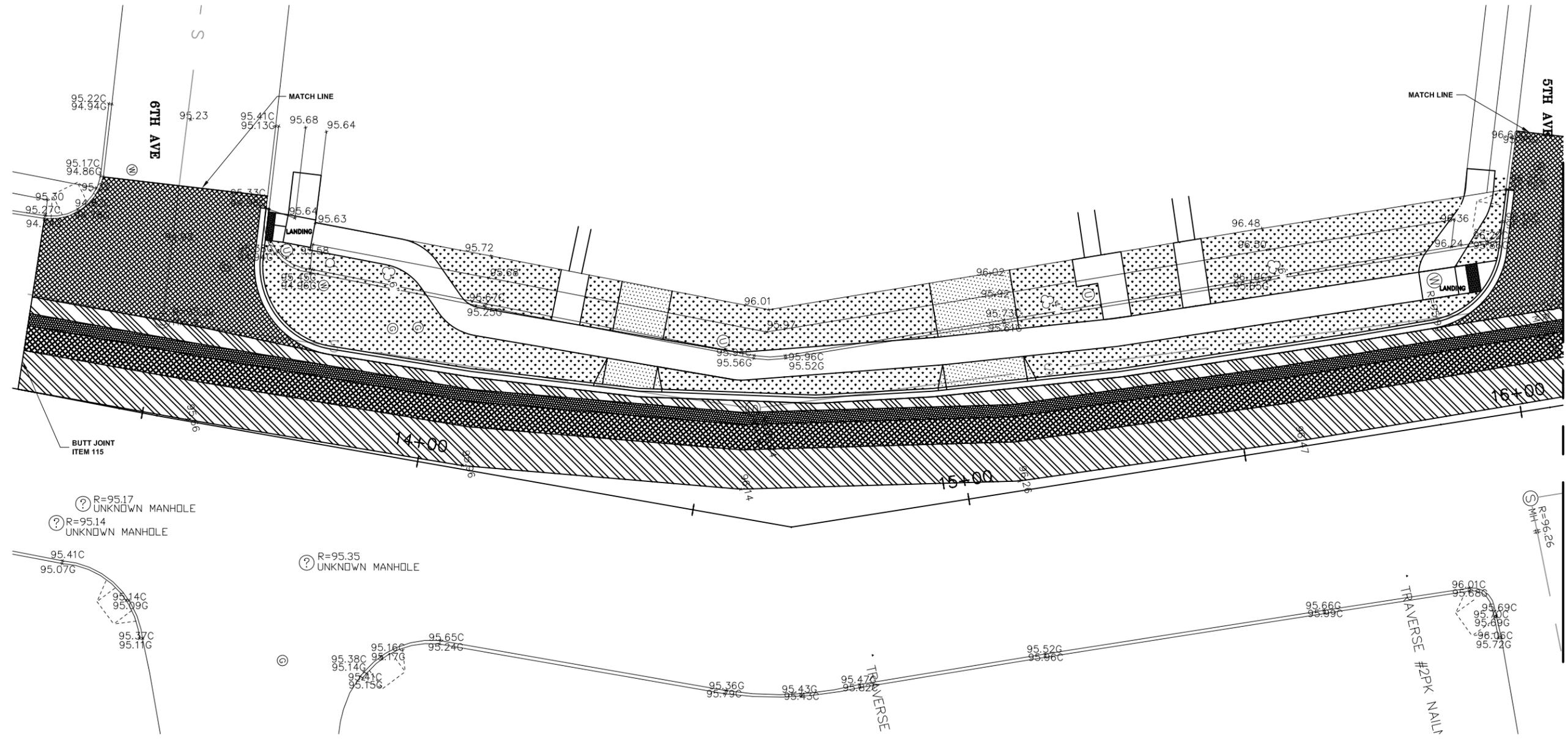
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1		7/21/2015	
COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS  <b>CONSTRUCTION PLAN</b> <b>COVERT AVE - NEW HYDE PARK</b> <b>EXTEND CURB LINE</b> <b>BETWN WAYNE AVE. &amp; 6TH AVE.</b>			
CONTRACT NO.	SCALE	DATE	SHEET NO.
66302	1" = 20'	Jul-15	6 OF 15

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SCALE: 1" = 20'

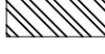


MATCHLINE STA. 16+08

**COVERT CURB EXTENSION - MILLING ESTIMATE**

ITEM	DESCRIPTION	UNITS	QTY	UNIT PRICE	EXTENDED AMT
36DRAR-S-C	RUT AVOIDANCE ASP. CONC. TYPE 1A	TON	75.00	\$175.00	\$13125.00
112	ADJUSTING MANHOLES	EA	4.00	\$200.00	\$800.00
114	ADJUSTMENT OF WATER VALVE BOX ELEVATION	EA	1.00	\$50.00	\$50.00
116A	PROFILING & REMOVAL OF ASPHALT PAVEMENT	SY	1510.00	\$15.00	\$22650.00
				<b>TOTAL:</b>	<b>\$36,625.00</b>

**LEGEND**

-  MILL 1" TO MATCH LINE
-  MILL 2" TO 1" AT THE NEW CURB EVENLY GRADED @ 2' WIDE
-  MILL 3" TO 2" EVENLY GRADED @ 2'-2" WIDE
-  MILL 2" TO 3" EVENLY GRADED @ 4.5' WIDE
-  MILL 1" AT THE CENTERLINE TO 2" EVENLY GRADED @ 7.0' WIDE

**NOTE:**

1.0" NEW ASPHALT CONCRETE OVERLAY ON TOP OF MILLED SURFACE ONLY - ITEM 36D  
 SEWER MANHOLES SHALL BE ADJUSTED TO GRADE - ITEM 112  
 WATER VALVES TO BE ADJUSTED TO GRADE - ITEM 114  
 GAS VALVES TO BE ADJUSTED BY OTHERS

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COUNTY OF NASSAU  
 DEPARTMENT OF PUBLIC WORKS

**MILLING PLAN**  
 COVERT AVE - NEW HYDE PARK  
 EXTEND CURB LINE  
 BTWN WAYNE AVE. & 6TH AVE.

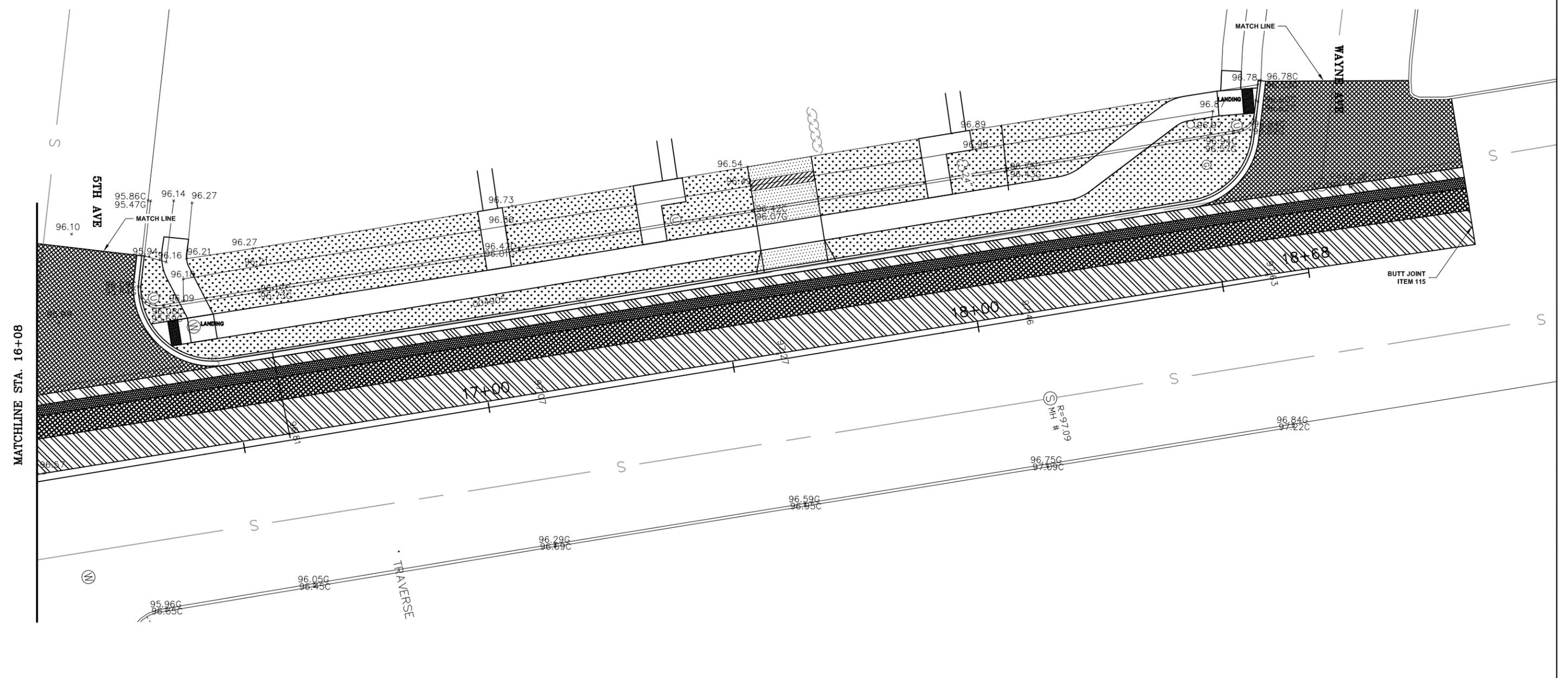
CONTRACT NO. 66302	SCALE 1" = 20'	DATE Jul-15	SHEET NO. 7 OF 15
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SCALE: 1" = 20'



**LEGEND**

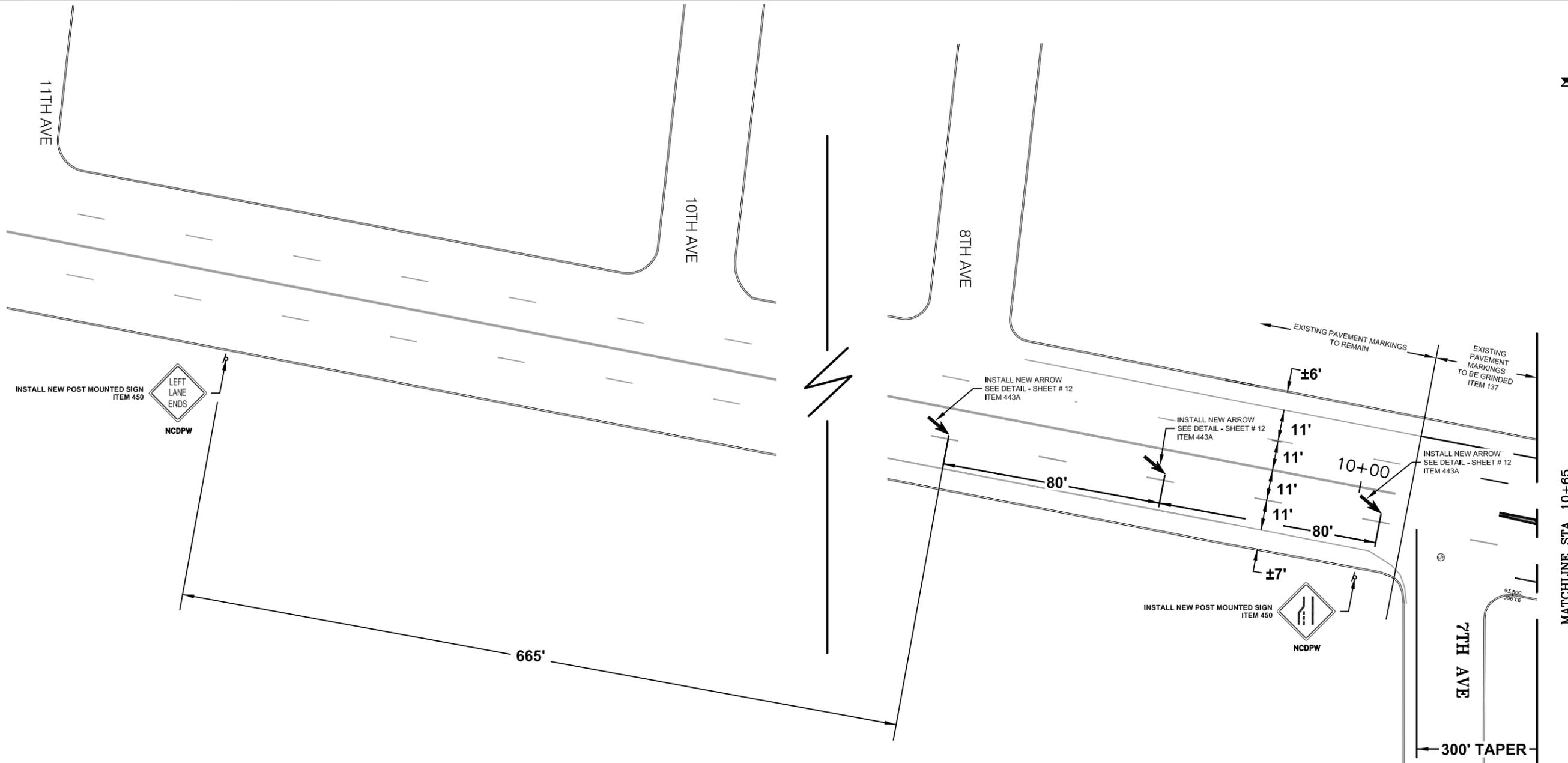
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- MILL 2" TO 1" AT THE NEW CURB EVENLY GRADED @ 2' WIDE
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<b>MILLING PLAN</b>			
COVERT AVE - NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO. 66302	SCALE 1" = 20'	DATE Jul-15	SHEET NO. 8 OF 15

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**PAVEMENT MARKING NOTES:**

1. PAVEMENT MARKING ABBREVIATIONS SHOWN ON DRAWINGS ARE AS FOLLOWS:
  - BWLL - BROKEN WHITE LANE LINE
  - DWLL - DOTTED WHITE LANE LINE (2' LINE WITH 6' SPACE UNLESS OTHERWISE SHOWN)
  - FYBL - FULL YELLOW BARRIER LINE
  - HVCW - HIGH VISIBILITY CROSSWALK (12" LINES, 10' BARS @ 4' O.C.)
  - PYBL - PARTIAL YELLOW BARRIER LINE
  - SL - STOP LINE
  - SWHL - SOLID WHITE CHANNELIZING LINE (4" LINES @ 5' O.C. AT HYDRANTS & 10' O.C. IN AREAS WHERE PARKING IS RESTRICTED)
  - SWEL - SOLID WHITE EDGE LINE
  - SWLL - SOLID WHITE LANE LINE
  - SYEL - SINGLE YELLOW EDGE LINE
  - SWCHL - SOLID WHITE CHANNELIZING LINE (12" LINES @ 10' O.C.)
  - SYCHL - SOLID YELLOW CHANNELIZING LINE (12" LINES @ 10' O.C.)
2. THE WIDTH AND LAYOUT FOR EACH OF THESE MARKINGS SHALL CONFORM TO THE CURRENT STANDARD DETAILS UNLESS OTHERWISE SHOWN ON THIS DRAWING.
3. ALL LONG LINES AND HATCHING TO BE EPOXY MATERIAL, ITEM #442
4. ALL ARROWS, WORD MARKING, AND CHARACTERS TO BE PREFORMED MATERIAL, ITEM #443
5. ALL STOP LINES, CROSSWALKS, AND GRIDLOCK LINES TO BE PREFORMED MATERIAL, ITEM #445-12.
6. ALL HATCH LINES TO BE PLACED AT 45 DEGREE ANGLE TO THE ADJACENT TRAVEL LANE.
7. PAVEMENT MARKING SYMBOLS SHALL BE DESIGNED IN ACCORDANCE TO THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE PROVISIONS OF THE NEW YORK STATE SUPPLEMENT TO THE NATIONAL MUTCD.
8. THE CONTINUED MAINTENANCE OF ALL STOP LINES, WHEN INSTALLED AT OR IN ADVANCE OF A STOP SIGN NOT NOTED AS "NCDPW" SHALL BE THE RESPONSIBILITY OF THE LOCAL MUNICIPALITY.

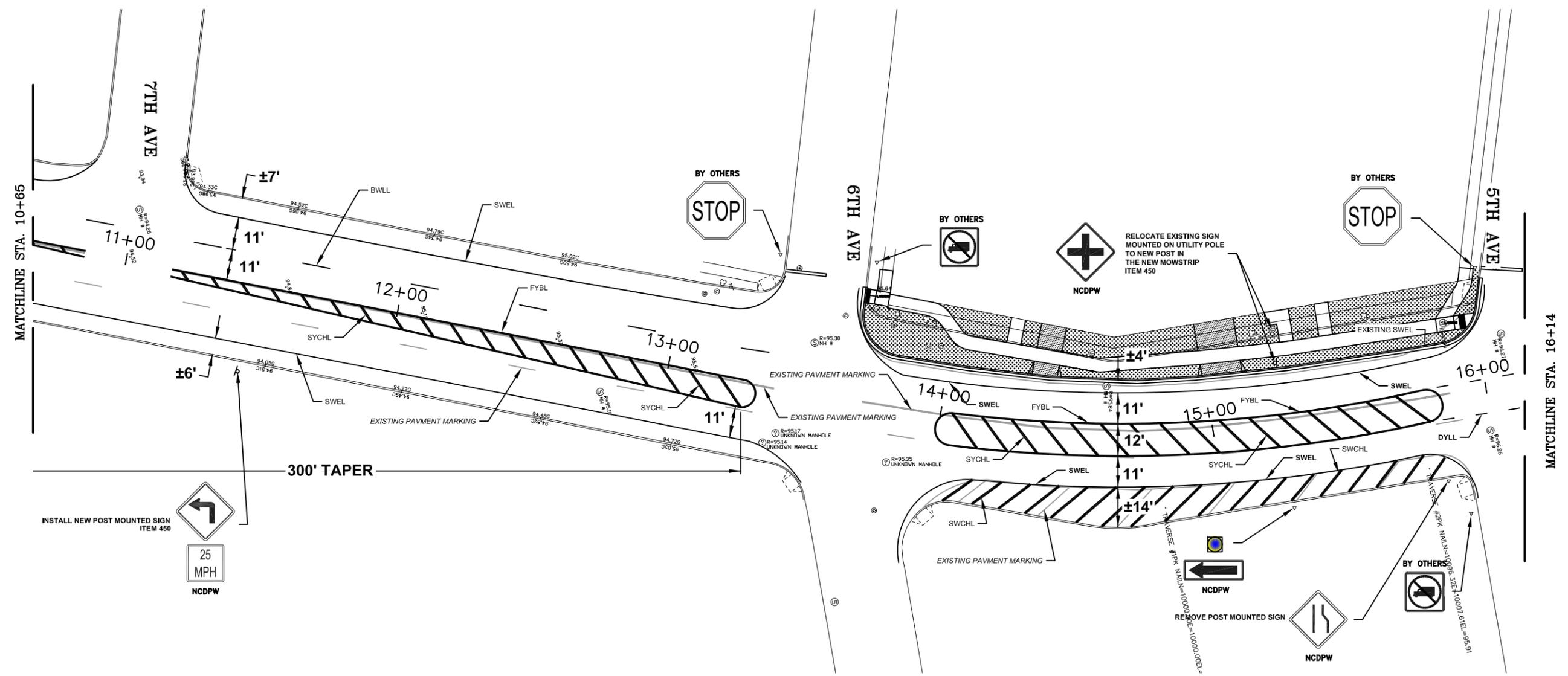


SCALE: 1" = 40'

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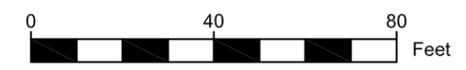
COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS			
<b>PAVEMENT MARKING PLAN</b>			
COVERT AVE - NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO. 66302	SCALE 1" = 20'	DATE Jul-15	SHEET NO. 9 OF 15

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 DRAFTED BY: jbooroni



**PAVEMENT MARKING NOTES:**

1. SEE SHEET #9 FOR PAVEMENT MARKING NOTES.



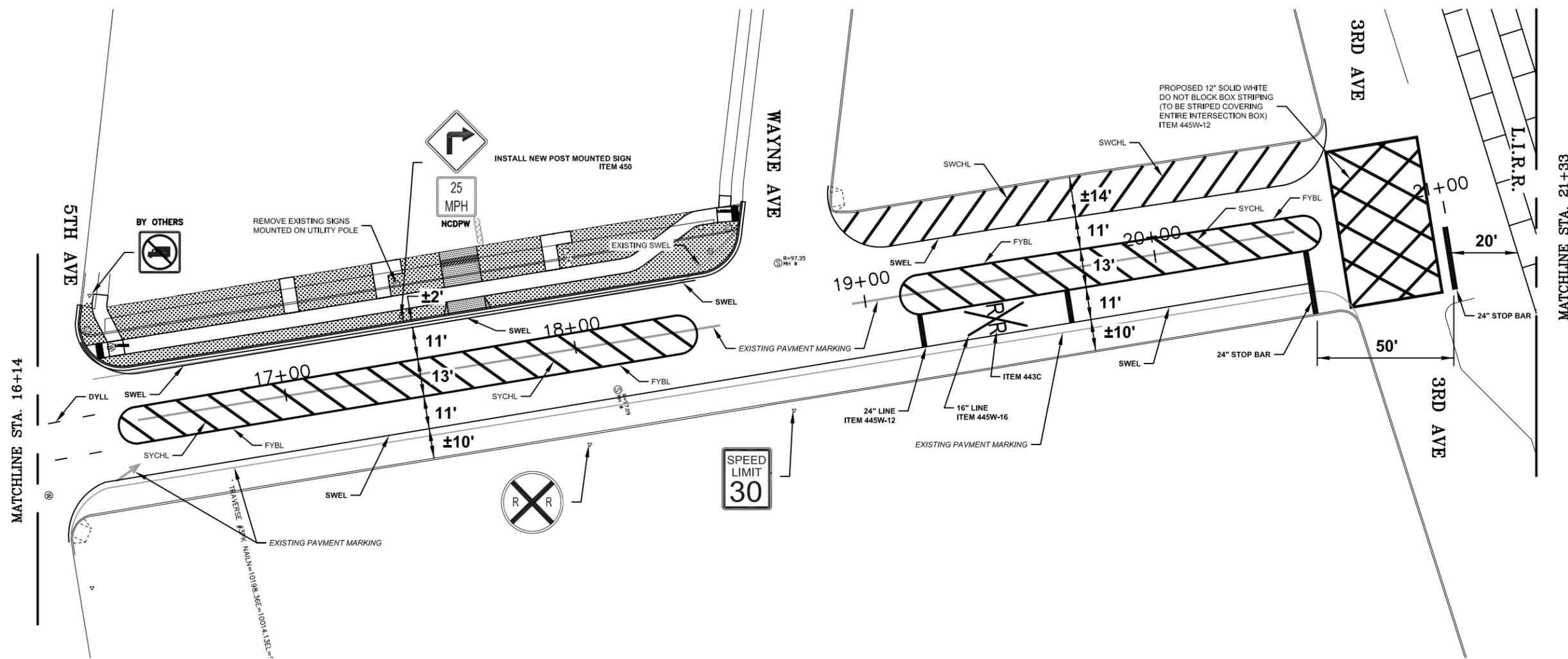
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<b>PAVEMENT MARKING PLAN</b> COVERT AVE – NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO. 66302	SCALE 1" = 20'	DATE Jul-15	SHEET NO. 10 OF 15

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**PAVEMENT MARKING NOTES:**

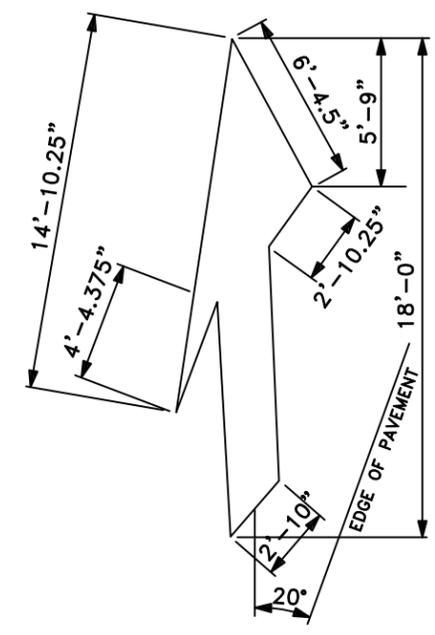
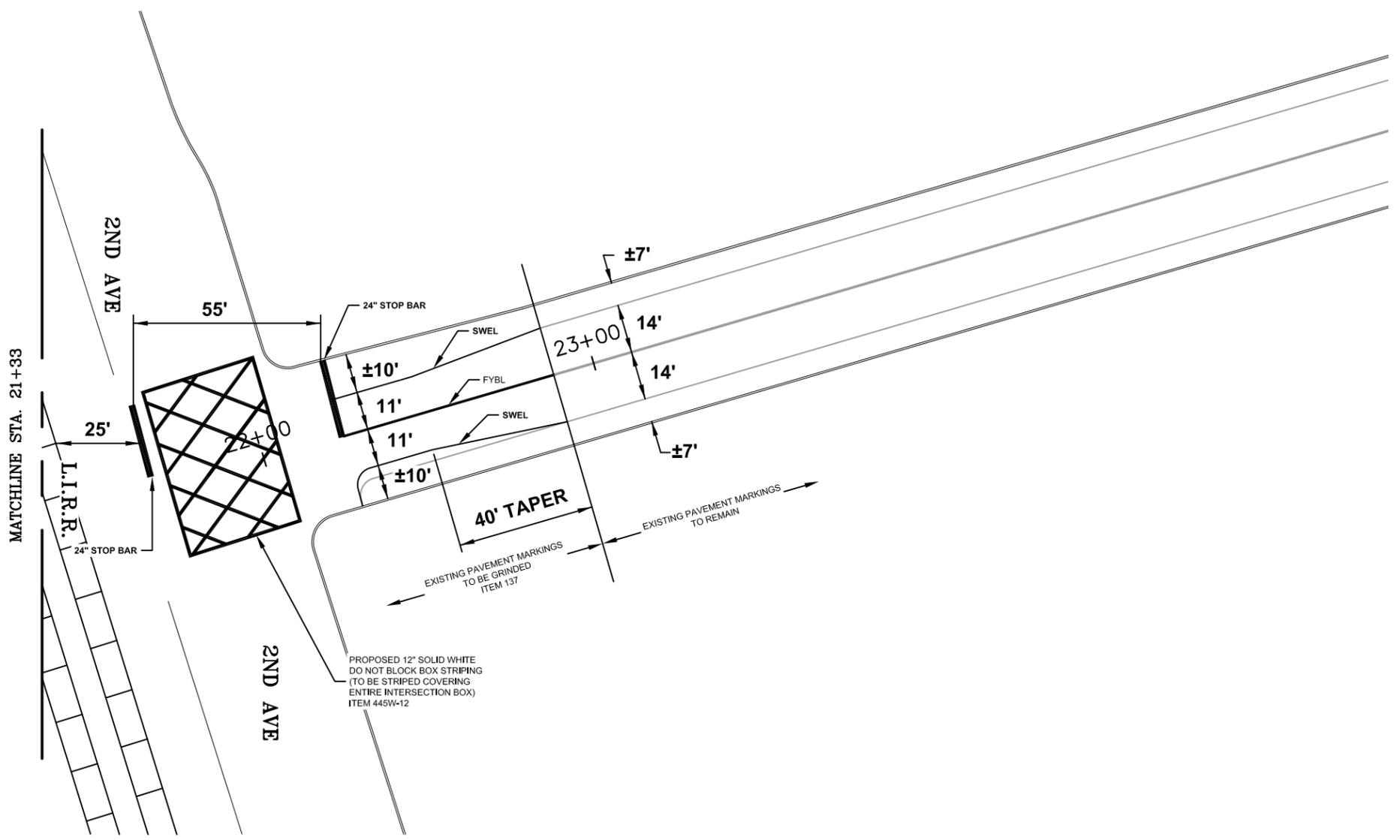
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CONTRACT NO. 66302	SCALE 1" = 20'	DATE Jul-15	SHEET NO. 11 OF 15



LANE REDUCTION ARROW

**PAVEMENT MARKING NOTES:**

- SEE SHEET #9 FOR PAVEMENT MARKING NOTES.

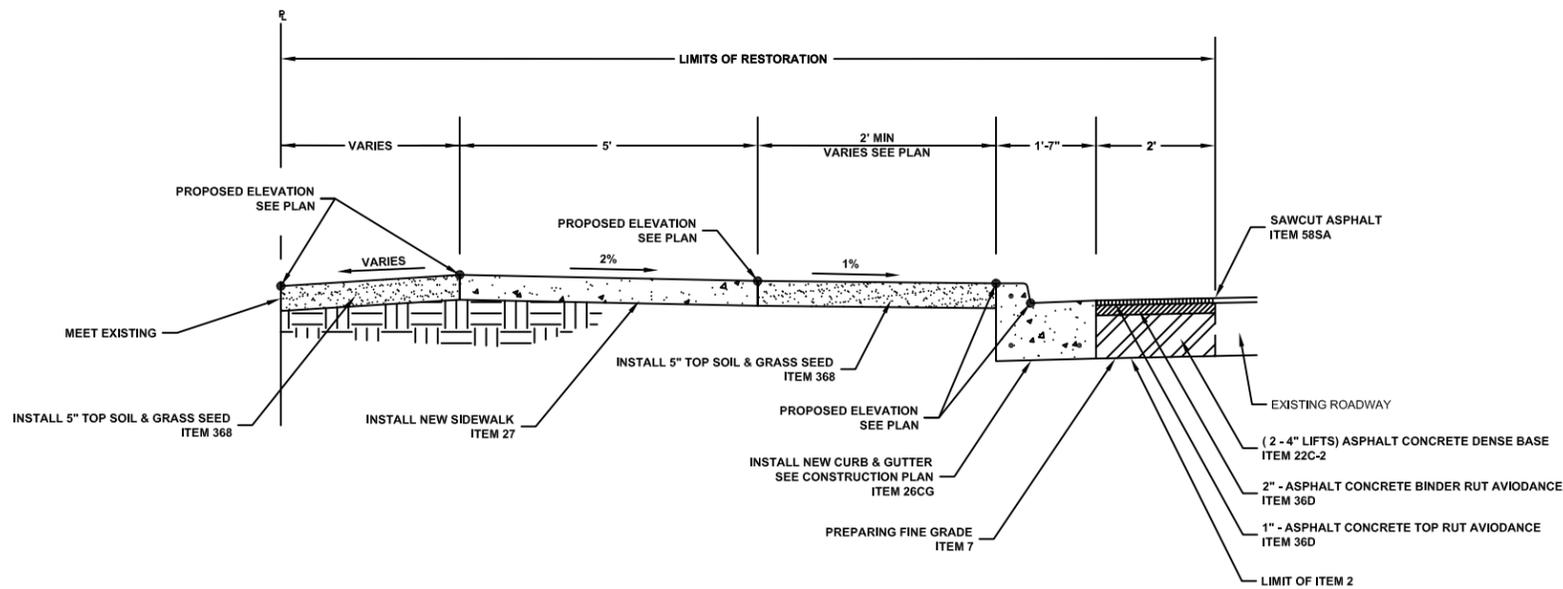


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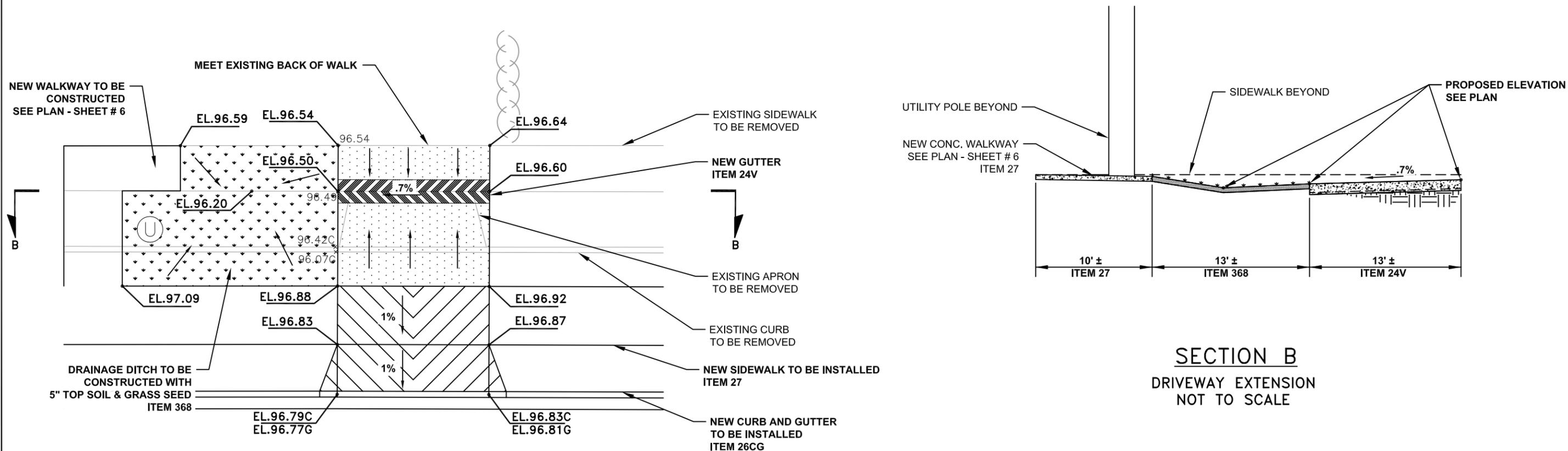
NOTE:  
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COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS			
<b>PAVEMENT MARKING PLAN</b> COVERT AVE - NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO.	SCALE	DATE	SHEET NO.
66302	1" = 20'	Jul-15	12 OF 15

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 DRAFTED BY: jborroni



**TYPICAL SECTION A**  
 STA. 13+62± - 18+67±  
 NOT TO SCALE



**DRIVEWAY EXTENSION**  
 STA. 17+57± - 17+73±  
 NOT TO SCALE

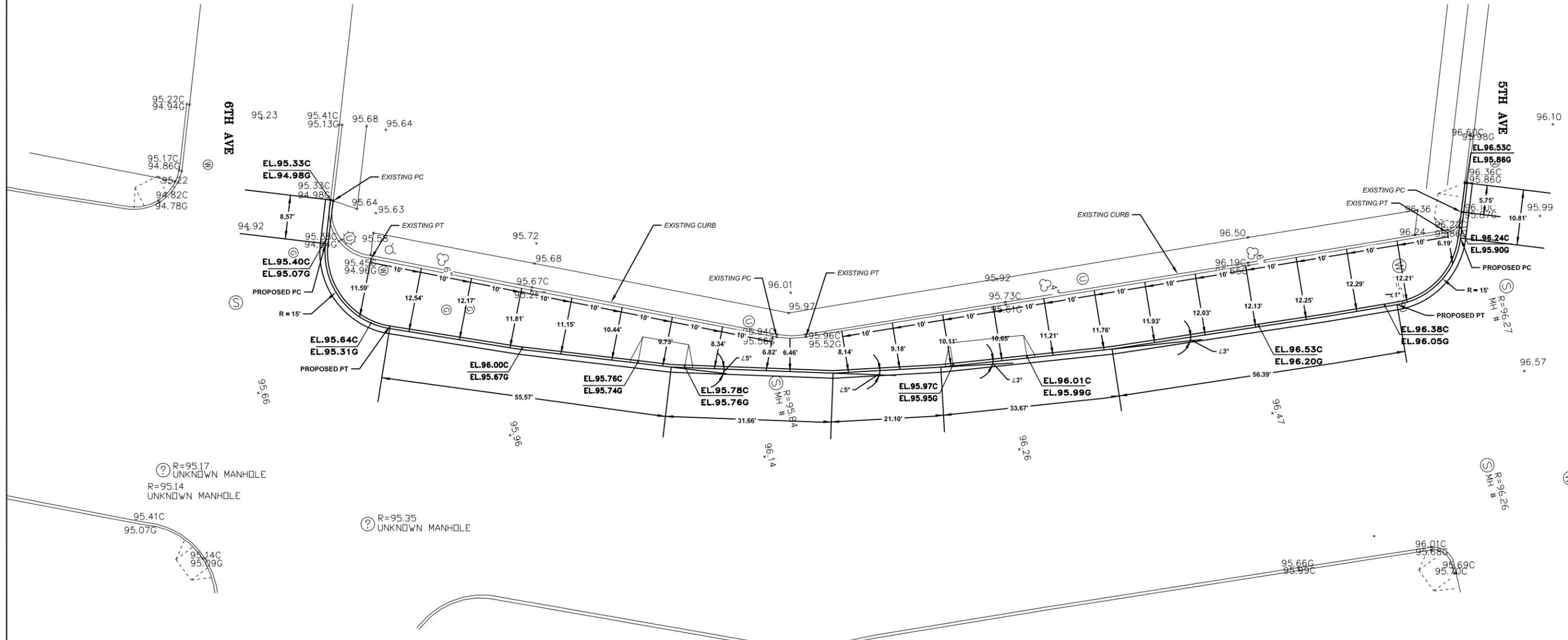
**SECTION B**  
 DRIVEWAY EXTENSION  
 NOT TO SCALE

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COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS			
SECTION COVERT AVE - NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO. 66302	SCALE AS SHOWN	DATE Jul-15	SHEET NO. 13 OF 15

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SCALE: 1" = 20'



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DRAFTED BY: JBORRONI

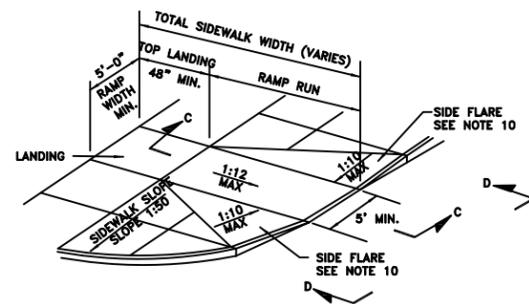
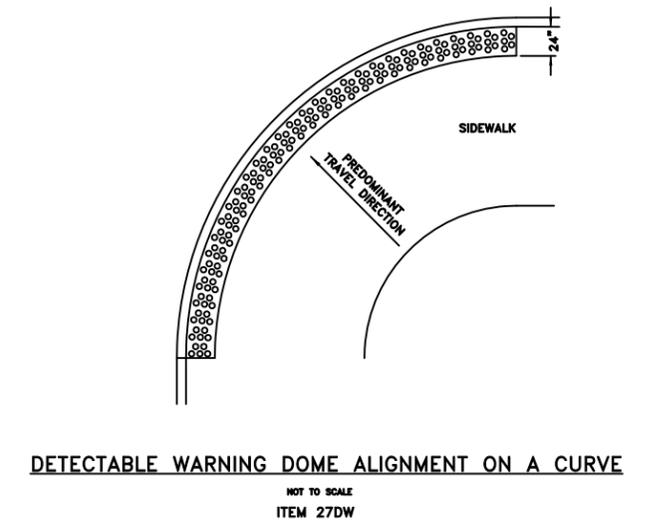
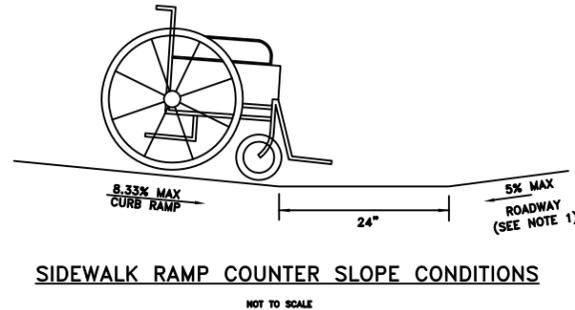
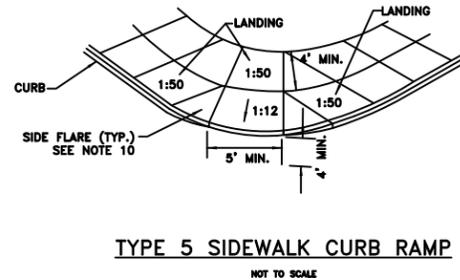
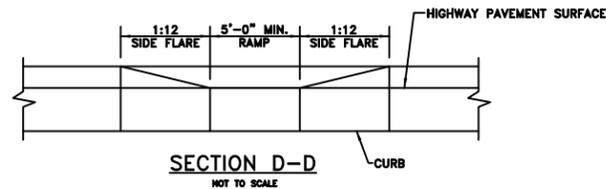
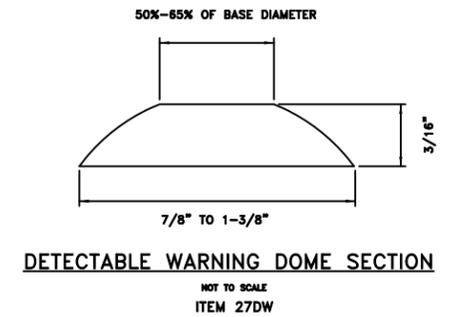
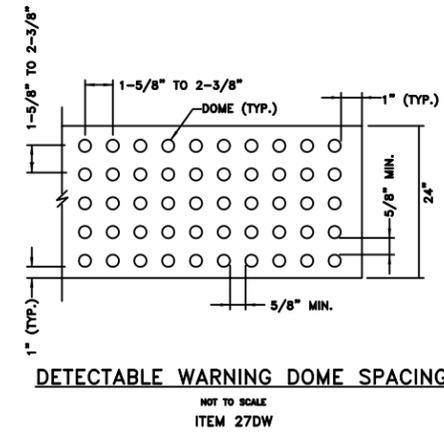
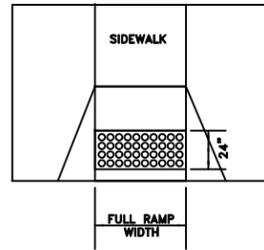
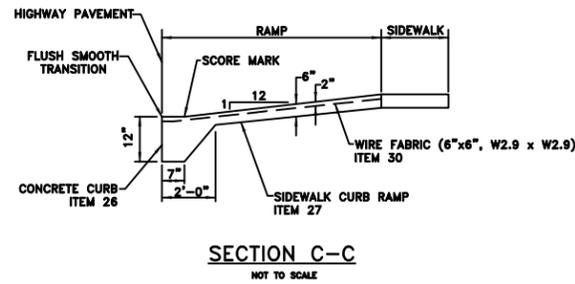
⊙ R=95.17 UNKNOWN MANHOLE  
⊙ R=95.14 UNKNOWN MANHOLE

⊙ R=95.35 UNKNOWN MANHOLE

⊙ R=96.26 UNKNOWN MANHOLE

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COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS			
<b>CONSTRUCTION PLAN</b>			
<b>COVERT AVE – NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. &amp; 6TH AVE.</b>			
CONTRACT NO. 66302	SCALE 1" = 20'	DATE Jul-15	SHEET NO. 11A OF 15



**TYPE 5 RAMP NOTES:**

1. THIS RAMP TYPE SHALL ONLY BE USED IN LIMITED SITUATIONS AND WITH PRIOR APPROVAL FROM THE ENGINEER RESPONSIBLE FOR CONSTRUCTION INSPECTION.

**RAMP COUNTER SLOPE NOTES:**

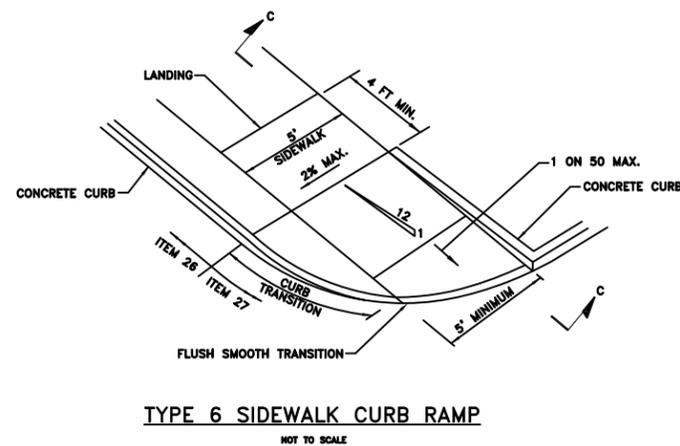
1. TO AVOID WHEEL CHAIR FOOTREST STRIKING PAVEMENT, PROVIDE 24" LEVEL STRIP (1:50 MAX. IN DIRECTION OF PEDESTRIAN TRAVEL) IF ALGEBRAIC DIFFERENCE BETWEEN CURB RAMP SLOPE AND ROADWAY CROSS SLOPE EXCEEDS 11%.

**DETECTABLE WARNING FIELD NOTES:**

1. THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE. THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING FIELD (THE DOMES AND THE ENTIRE 24" LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.
2. DETECTABLE WARNINGS SHALL BE LOCATED SO THAT THE EDGE OF THE WARNING FIELD NEAREST TO THE ROADWAY OR STREET SURFACE IS 6" TO 8" FROM THE EDGE OF THE ROADWAY/ STREET, OR FROM THE BACK OF THE DROPPED CURB. WHERE A DROPPED CURB CONTINUES ACROSS THE BOTTOM OF THE SIDEWALK CURB RAMP, THE DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.
3. THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 17" TO 19" FROM THE FACE OF THE GATE ARM. WHERE THERE IS NO GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE TRACKS SHALL BE 14'9" FROM THE CENTERLINE OF THE NEAREST TRACK.
4. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL.

**SIDEWALK RAMP NOTES:**

1. SIDEWALK CURB RAMP TYPE AND LOCATION ARE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER RESPONSIBLE FOR CONSTRUCTION INSPECTION.
2. THE SIDEWALK RAMPS DEPICTED HERE MAY NOT BE APPROPRIATE FOR ALL LOCATIONS. FIELD CONDITIONS AT INDIVIDUAL LOCATIONS MAY REQUIRE SPECIFIC DESIGNS AS DIRECTED BY THE ENGINEER.
3. SIDEWALK CURB RAMP TYPES MAY BE DIFFERENT AT EACH LOCATION WITHIN AN INTERSECTION.
4. THE MINIMUM WIDTH OF A SIDEWALK CURB RAMP SHALL BE FIVE FEET, EXCLUSIVE OF FLARED SIDES.
5. IF FEASIBLE, PROVIDE FOR DRAINAGE INLETS OR GRATES IMMEDIATELY UPSTREAM FROM THE CURB RAMPS. RETICULATE OR RECTANGULAR DRAINAGE GRATES ARE TO BE USED IN AREA OF CURB RAMPS.
6. THERE SHALL BE A LANDING AT THE TOP AND BOTTOM OF EACH CURB RAMP.
7. LANDINGS SHALL HAVE A MINIMUM CLEAR DIMENSION OF A 48" BY 48" SQUARE. LANDINGS MAY OVERLAP WITH ADJACENT LANDINGS OR A SINGLE LANDING MAY SERVE MULTIPLE CURB RAMPS. LANDINGS MAY OVERLAP WITH THE CLEAR GROUND SPACE REQUIRED AT PEDESTRIAN SIGNAL PUSH BUTTONS.
8. THE MAXIMUM CROSS SLOPE OF CURB RAMPS SHALL BE 2 PERCENT. THE MAXIMUM CROSS SLOPE AT LANDINGS IS 2 PERCENT IN ANY DIRECTION. SURFACES SHALL GENERALLY LIE IN CONTINUOUS PLANES WITH A MINIMUM SURFACE WARP.
9. THE RUNNING GRADE OF CURB RAMPS SHOULD BE AS FLAT AS PRACTICABLE. THE MAXIMUM RUNNING GRADE OF ANY PORTION OF ANY CURB RAMP SHALL BE 1:12 (8.33%). CURB RAMPS ARE NOT REQUIRED TO BE LONGER THAN 15 FEET.
10. THE SURFACE OF ALL CURB RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. A COARSE BROOM FINISH RUNNING PERPENDICULAR TO THE SLOPE IS RECOMMENDED ON CONCRETE RAMP SURFACES, EXCLUSIVE OF DETECTABLE WARNING FIELDS.
11. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES ( QUARTER INCH MAX).
12. COORDINATE ALL TRAFFIC CONTROL DEVICES, UTILITY LOCATIONS, SIGNS, STREET FURNITURE AND DRAINAGE TO ENSURE A CONTINUOUS PEDESTRIAN ACCESS ROUTE AT ALL CURB RAMP LOCATIONS. GUIDANCE FOR CROSSWALK MARKINGS AND TRAFFIC CONTROL DEVICES IS PROVIDED IN THE MUTCD. DRAINAGE GRATES AND UTILITY ACCESS COVERS ARE NOT ALLOWED IN RAMP WALKING SURFACES OR LANDINGS.
13. AT MARKED CROSSINGS, THE FULL WIDTH OF THE RAMP SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS. THE SIDES OF THE RAMPS (THE FLARES) NEED NOT BE WITHIN THE WIDTHS OF THE MARKINGS.



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COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS			
ADA RAMP DETAIL COVERT AVE - NEW HYDE PARK EXTEND CURB LINE BTWN WAYNE AVE. & 6TH AVE.			
CONTRACT NO. 66302	SCALE AS SHOWN	DATE Jul-15	SHEET NO. 14 OF 15

COVERT AVE - CURB EXTENSION ESTIMATE			
ITEM	DESCRIPTION	UNITS	QTY
2	UNCLASSIFIED EXCAVATION	CY	40.74
5C	SELECTED FILL	CY	80.00
7	PREPARING FINE GRADE	SY	122.22
22C-2	BASE COURSE ASPHALT CONCRETE - TYPE DENSE BASE	TON	54.32
24V	CONCRETE VALLEY GUTTER	LF	20.00
26CG	MONOLITHIC CONCRETE CURB & GUTTER	LF	530.00
27	CEMENT CONCRETE SIDEWALK	SF	2100.00
27DW	DETECTABLE WARNING SURFACE	SF	40.00
28	CEMENT CONCRETE DRIVEWAYS AND DRIVEWAY APRONS	SF	740.00
30	METAL REINFORCEMENT FOR CONCRETE PAVEMENT	SY	18.00
36D	ASPHALT CONCRETE TOP & BINDER - TYPE 1A	TON	21.56
58RPC	SAW CUTTING EXISTING ROADWAY PAVEMENT & CONCRETE	LF	550.00
102	WORK ZONE TRAFFIC CONTROL	DAY	30.00
102D	FLASHING ARROW BOARD ( 2 @ 30 DAYS)	DAY	60.00
102PVMS	PORTABLE VARIABLE MESSAGE SIGN ( 2 @ 40 DAYS)	DAY	80.00
114	ADJUSTMENT OF WATER BOX ELEVATION	EA	3.00
137	REMOVAL EXISTING TRAFFIC MARKINGS	LF	4000.00
141B	SILT PROTECTION FOR SURFACE INLET DRAINAGE STRUCTURES	EA	4.00
368	TOP SOIL & GRASS SEED	SY	750.00
442W	EPOXY REFLECTORIZED PAVEMENT MARKINGS (WHITE)	LF	2200.00
442Y	EPOXY REFLECTORIZED PAVMENT MARKINGS (YELLOW)	LF	3450.00
442W-1	EPOXY RELECTORIZED PAVEMENT MARKINGS - HANDWORK (WHITE)	LF	2000.00
442Y-1	EPOXY REFLECTORIZED PAVEMENT MARKINGS - HANDWORK (YELLOW)	LF	2800.00
443A	PREFORMED TAPE PAVEMENT MARKINGS (ARROWS)	EA	3.00
443C	PREFORMED TAPE PAVEMENT MARKINGS (CHARACTER/SYMBOLS)	EA	2.00
445W-12	PREFORMED HIGH PERFORMANCE TAPE PAVEMENT MARKINGS (12" WHITE)	LF	1450.00
445W-16	PREFORMED HIGH PERFORMANCE TAPE PAVEMENT MARKINGS (16" WHITE)	LF	50.00
450	FURNISH AND INSTALL POST MOUNTED SIGNS	EA	6.00
	ITEMS FROM MILLING PLAN (36D, 116A, 112, 114)		
* CONTINGENCY ITEM			
ITEM 141B - NO DRAINAGE STRUCTURES IN CLOSE PROXIMITY OF JOB SITE			

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1	ADDED MILLING ITEMS	7/21/2015
NO.	REVISION DESCRIPTION	DATE
<b>COUNTY OF NASSAU</b> <b>DEPARTMENT OF PUBLIC WORKS</b>		
<b>ESTIMATE</b> <b>COVERT AVE - NEW HYDE PARK</b> <b>EXTEND CURB LINE</b> <b>BTWN WAYNE AVE. &amp; 6TH AVE.</b>		
CONTRACT NO.	SCALE	DATE
66302	AS SHOWN	Jul-15
		SHEET NO.
		15 OF 15

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DRAFTED BY: jborroni

COVERT AVE - CURB EXTENSION ESTIMATE					
ITEM	DESCRIPTION	UNITS	QTY	UNIT PRICE	EXTENDED AMT
2	UNCLASSIFIED EXCAVATION	CY	40.74	\$71.25	\$2,902.73
5C	SELECTED FILL	CY	80.00	\$33.25	\$2,660.00
7	PREPARING FINE GRADE	SY	122.22	\$3.80	\$464.44
22C-2	BASE COURSE ASPHALT CONCRETE - TYPE DENSE BASE	TON	54.32	\$104.50	\$5,676.44
24V	CONCRETE VALLEY GUTTER	LF	20.00	\$308.75	\$6,175.00
26CG	MONOLITHIC CONCRETE CURB & GUTTER	LF	530.00	\$23.75	\$12,587.50
27	CEMENT CONCRETE SIDEWALK	SF	2100.00	\$9.50	\$19,950.00
27DW	DETECTABLE WARNING SURFACE	SF	40.00	\$19.00	\$760.00
28	CEMENT CONCRETE DRIVEWAYS AND DRIVEWAY APRONS	SF	740.00	\$11.40	\$8,436.00
30	METAL REINFORCEMENT FOR CONCRETE PAVEMENT	SY	18.00	\$7.60	\$136.80
36D	ASPHALT CONCRETE TOP & BINDER - TYPE 1A	TON	21.56	\$104.50	\$2,253.02
58RPC	SAW CUTTING EXISTING ROADWAY PAVEMENT & CONCRETE	LF	550.00	\$3.80	\$2,090.00
102	WORK ZONE TRAFFIC CONTROL	DAY	30.00	\$600.00	\$18,000.00
102D	FLASHING ARROW BOARD ( 2 @ 30 DAYS)	DAY	60.00	\$80.75	\$4,845.00
102PVMS	PORTABLE VARIABLE MESSAGE SIGN ( 2 @ 40 DAYS)	DAY	80.00	\$261.25	\$20,900.00
114	ADJUSTMENT OF WATER BOX ELEVATION	EA	3.00	\$50.00	\$150.00
137	REMOVAL EXISTING TRAFFIC MARKINGS	LF	4000.00	\$4.75	\$19,000.00
141B	SILT PROTECTION FOR SURFACE INLET DRAINAGE STRUCTURES	EA	4.00	\$71.25	\$285.00
368	TOP SOIL & GRASS SEED	SY	750.00	\$9.50	\$7,125.00
442W	EPOXY REFLECTORIZED PAVEMENT MARKINGS (WHITE)	LF	2200.00	\$11.40	\$25,080.00
442Y	EPOXY REFLECTORIZED PAVMENT MARKINGS (YELLOW)	LF	3450.00	\$11.40	\$39,330.00
442W-1	EPOXY RELECTORIZED PAVEMENT MARKINGS - HANDWORK (WHITE)	LF	2000.00	\$33.25	\$66,500.00
442Y-1	EPOXY REFLECTORIZED PAVEMENT MARKINGS - HANDWORK (YELLOW)	LF	2800.00	\$33.25	\$93,100.00
443A	PREFORMED TAPE PAVEMENT MARKINGS (ARROWS)	EA	3.00	\$47.50	\$142.50
443C	PREFORMED TAPE PAVEMENT MARKINGS (CHARACTER/SYMBOLS)	EA	2.00	\$47.50	\$95.00
445W-12	PREFORMED HIGH PERFORMANCE TAPE PAVEMENT MARKINGS (12" WHITE)	LF	1450.00	\$14.25	\$20,662.50
445W-16	PREFORMED HIGH PERFORMANCE TAPE PAVEMENT MARKINGS (16" WHITE)	LF	50.00	\$17.10	\$855.00
450	FURNISH AND INSTALL POST MOUNTED SIGNS	EA	6.00	\$166.25	\$997.50
	ITEMS FROM MILLING PLAN (36D, 116A, 112, 114)				\$36,625.00
* CONTINGENCY ITEM					
ITEM 141B - NO DRAINAGE STRUCTURES IN CLOSE PROXIMITY OF JOB SITE				TOTAL:	\$417,784.42

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1	ADDED MILLING ITEMS	7/21/2015
NO.	REVISION DESCRIPTION	DATE
<b>COUNTY OF NASSAU</b> <b>DEPARTMENT OF PUBLIC WORKS</b>		
<b>ESTIMATE</b> <b>COVERT AVE - NEW HYDE PARK</b> <b>EXTEND CURB LINE</b> <b>BTWN WAYNE AVE. &amp; 6TH AVE.</b>		
CONTRACT NO.	SCALE	DATE
66302	AS SHOWN	Jul-15
		SHEET NO.
		15A OF 15