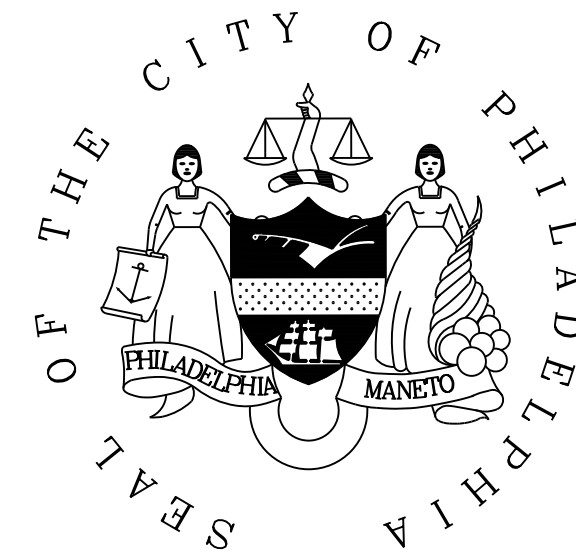


DISTRICT	COUNTY	CITY	BOROUGH	ROUTE	SECTION	TOTAL SHEETS
6-0	PHILADELPHIA	PHILADELPHIA		0000	CCD	13

ECMS PROJECT NO. 105853

# CITY OF PHILADELPHIA



## DRAWINGS FOR CONSTRUCTION OF COBBS CREEK CONNECTOR TRAIL - SEGMENT D

STATE ROUTE 0000 SECTION CCD

IN PHILADELPHIA COUNTY

FROM STA 10+00.00 TO STA 28+52.08 LENGTH 1852.08 FT 0.351 MI

LINDBERGH BLVD

FROM STA 220+00.00 TO STA 229+30.00 LENGTH 930.00 FT 0.176 MI

SR 3002 (84TH STREET)

FROM STA 116+75.00 TO STA 123+00.00 LENGTH 625.00 FT 0.118 MI

COBBS CREEK CONNECTOR TRAIL - SEGMENT C SPUR

FROM STA 50+00.00 TO STA 51+26.00 LENGTH 126.00 FT 0.024 MI

TOTAL LENGTH 3328.08 FT 0.630 MI

### ALSO PLANS

TRAFFIC CONTROL PLAN	11 SHEETS
SIGNING AND PAVEMENT MARKING PLAN	11 SHEETS
TRAFFIC SIGNAL PLAN	3 SHEETS
EROSION AND SEDIMENT POLLUTION CONTROL PLAN	9 SHEETS
LANDSCAPING PLAN	3 SHEETS

### SCALE



### DESIGN DESIGNATION

HIGHWAY CLASSIFICATION	- SHARED USE PATH
DESIGN SPEED	- 18 MPH
PAVEMENT WIDTH	- 12'
SHOULDER WIDTH	- 2' - 0" GRADED
MEDIAN WIDTH	- N/A

### TRAFFIC DATA

CURRENT YEAR ADT	- N/A
DESIGN YEAR ADT	- N/A
DHV	- N/A
D	- N/A
T	- N/A

<p>PREPARED BY:  <b>Michael Baker</b>  <b>INTERNATIONAL</b>                      500 OFFICE CENTER DRIVE, SUITE 210,                      FORT WASHINGTON, PA 19034-3234                      Phone: (215) 444-0888 ; MBAKERINTL.COM</p> <p>PROJECT MANAGER</p> <p>DATE</p>	RECOMMENDED	DATE: _____
		DISTRICT EXECUTIVE
	APPROVED	DATE: _____
		STREETS COMMISSIONER
	APPROVED	DATE: _____
		CHIEF ENGINEER & SURVEYOR

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	0000	CCD	2 OF 13
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS	DATE	BY	

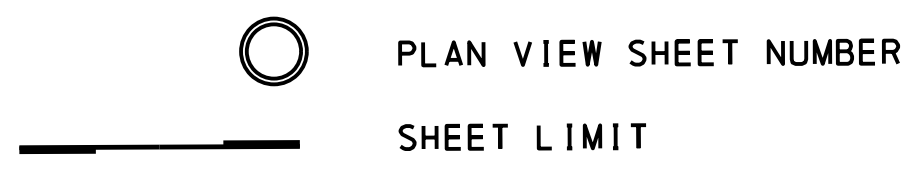
RECORD OF EXISTING TYPES OF ROADWAY PAVEMENT			
ROAD	FROM (STA)	TO (STA)	EXISTING PAVEMENT TYPE
LINDERGH BLVD	9+00.00	27+00.00	24' TO 37' OF 1.5" BIT SURF SUPERPAVE WEARING CRSE ON 2" BITUMINOUS WEARING CRSE ON 2" BINDER COURSE ON 6" SUBBASE

NOTE: THE DEPTHS OF MATERIAL SHOWN ARE FOR DESIGN PURPOSES ONLY. ANY RISK OF UNANTICIPATED COSTS ASSOCIATED WITH DIFFERENCES BETWEEN THE LISTED DEPTHS AND THE ACTUAL DEPTHS SHALL BE ACCEPTED BY THE CONTRACTOR.

SHEET INDEX BLOCK	
DESCRIPTION	SHEET
TITLE SHEET	1
INDEX MAP	2
LOCATION MAP, GENERAL NOTES	3
SUMMARY OF COORDINATES	4
TYPICAL SECTIONS	5
SUMMARY SHEETS	6-7
TABULATION SHEETS	8-10
PLAN SHEETS	11-13

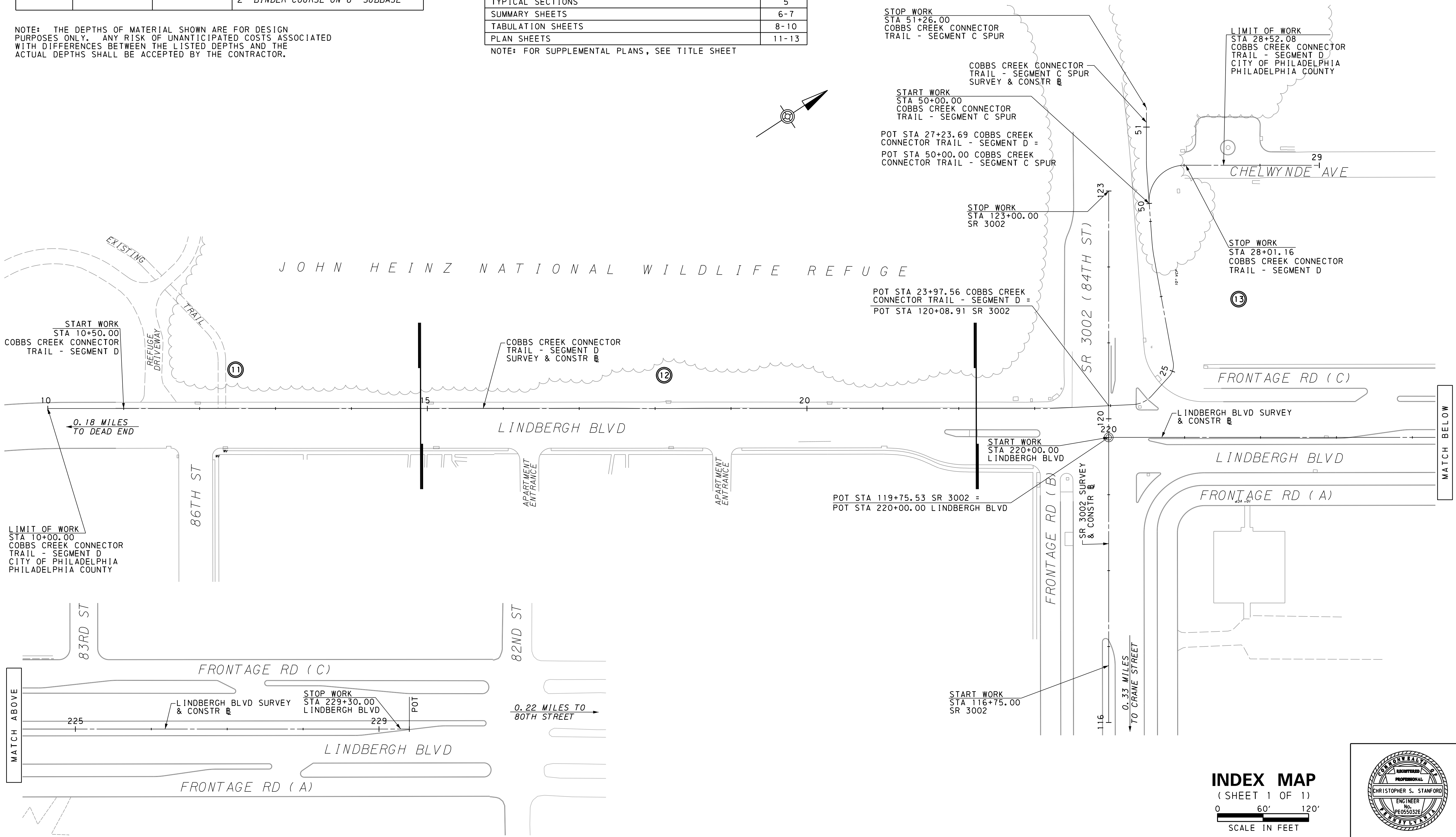
NOTE: FOR SUPPLEMENTAL PLANS, SEE TITLE SHEET

**LEGEND**

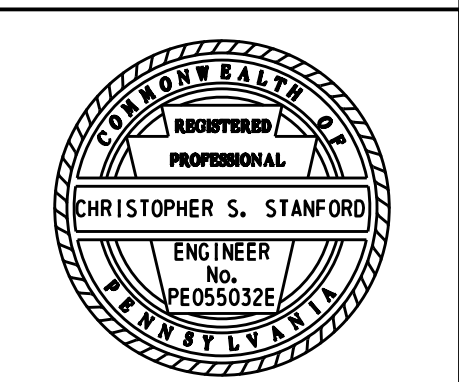
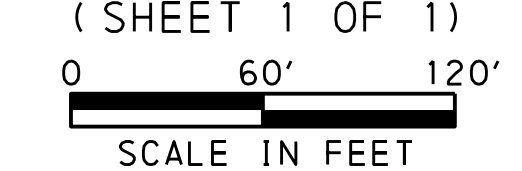


14-MAR-2019

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**INDEX MAP**



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	0000	CCD	3 OF 13
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS	DATE	BY	

**LIST OF PUBLIC UTILITIES**

AQUA PA  
762 W LANCASTER AVE  
BRYN MAWR, PA 19010  
ATTN:  
PHONE: 484-525-1402

PHILADELPHIA WATER DEPARTMENT  
1101 MARKET STREET  
ARAMARK TOWER, 2ND FLOOR  
PHILADELPHIA, PA 19107  
ATTN: ROBERT ROTERMUND  
PHONE: 215-685-6351

PECO ENERGY COMPANY  
830 S SCHYULKILL AVE  
PHILADELPHIA, PA 19146  
ATTN: LOUIS ROBINSON  
PHONE: 215-731-3283

VERIZON COMMUNICATIONS  
900 RACE STREET, 6TH FLOOR  
PHILADELPHIA, PA 19107  
ATTN: ANTHONY PORTOLESE  
PHONE: 215-351-6042

COMCAST CABLEVISION  
4400 WAYNE AVE  
PHILADELPHIA, PA 19140  
ATTN: JACK CLAYTON  
PHONE: 215-339-7912

PHILADELPHIA GAS WORKS (PGW)  
800 W MONTGOMERY AVE  
PHILADELPHIA, PA 19122  
ATTN: ANDREW LEVAN  
PHONE: 215-684-6053

DELAWARE COUNTY REGIONAL WATER  
AUTHORITY (DELCORA)  
100 E 5TH STREET  
P.O. BOX 999  
CHESTER, PA 19016  
ATTN: JOE CENTRONE  
PHONE: 610-637-5741

**LIST OF MUNICIPALITIES**

CITY OF PHILADELPHIA  
STREETS DEPARTMENT  
730 MUNICIPAL SERVICES BUILDING  
1401 JOHN F. KENNEDY BLVD  
PHILADELPHIA, PA 19102  
ATTN: CINDY BASS  
PHONE: 215-686-7812

**DETAILS, OTHER THAN THOSE INDICATED, ARE ON THE FOLLOWING STANDARD DRAWINGS.**

RC-10M	(1 SHEET)	JUN 1, 2010
RC-22M	(4 SHEETS)	JUN 1, 2010
RC-30M	(5 SHEETS)	JUN 1, 2010
RC-45M	(20 SHEETS)	SEPT 15, 2016
RC-46M	(34 SHEETS)	SEPT 15, 2016
RC-64M	(1 SHEET)	JUN 1, 2010
RC-67M	(14 SHEETS)	JUN 10, 2013
RC-72M	(7 SHEETS)	AUG 4, 2017
RC-75M	(1 SHEET)	JUN 1, 2010
RC-80M	(2 SHEETS)	JUN 1, 2010
RC-81M	(1 SHEET)	JUN 1, 2010
RC-82M	(2 SHEETS)	JUN 1, 2010
RC-83M	(2 SHEETS)	JUN 1, 2010
RC-84M	(2 SHEETS)	JUN 1, 2010
RC-91M	(2 SHEETS)	JUN 1, 2010
TC-8600	(13 SHEETS)	JUN 13, 2013
TC-8604	(4 SHEETS)	JUN 13, 2013
TC-8702B	(9 SHEETS)	JUN 13, 2013
TC-8716	(1 SHEET)	JUN 13, 2013
TC-8717	(1 SHEET)	JUN 13, 2013

**CALL BEFORE YOU DIG !**

PENNSYLVANIA LAW REQUIRES  
3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE  
AND 10 WORKING DAYS IN DESIGN STAGE  
BEFORE YOU DIG CALL  
THE PA ONE CALL SYSTEM TELEPHONE NUMBER.



1-800-242-1776

**GENERAL NOTES**

THE LEGAL RIGHT-OF-WAY FOR SR 3002 (84TH STREET) FROM STATION 116+00 TO STATION 123+00 IS 200 FEET BASED ON A CITY OF PHILADELPHIA PLAN APPROVED BY ORDINANCE OF COUNCIL ON JUNE 5, 1974.

THE LEGAL RIGHT-OF-WAY FOR LINDBERGH BOULEVARD FROM STATION 10+00 TO 21+05 IS 200 FEET, FROM STATION 21+05 TO STATION 23+97 VARIES BETWEEN 80 AND 102 FEET, AND FROM STATION 220+00 TO STATION 229+40 IS 200 FEET BASED ON A CITY OF PHILADELPHIA PLAN APPROVED BY ORDINANCE OF COUNCIL ON JUNE 5, 1974.

ALL CURVE DATA IS BASED ON THE ARC DEFINITION UNLESS OTHERWISE INDICATED.

ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

HORIZONTAL CONTROL IS BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM SOUTH ZONE, NORTH AMERICAN DATUM (NAD) OF 1983.

AVERAGE COMBINED SCALE FACTOR OF 0.99997298 WAS USED FOR THIS PROJECT.

DO NOT INTERFERE WITH THE OPERATION OF ANY FIRE HYDRANT, FIRE CALL BOX OR POLICE BOX.

WORK TO BE DONE IN ACCORDANCE WITH STANDARD SPECIFICATIONS, APPROVED DRAWINGS, AND REGULATIONS OF THE DEPARTMENT OF STREETS, PHILADELPHIA WATER DEPARTMENT, PHILADELPHIA PARKS & RECREATION DEPARTMENT, AND SPECIAL PROVISIONS OF THE PROPOSAL.

PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 287 (1974), AND AS AMENDED, THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATION. PENNSYLVANIA ONE CALL SYSTEM # 2014-0831845, # 2014-083169, AND WARD #65.

UTILITIES SHOWN ARE TAKEN FROM PUBLIC RECORD. THE CONTRACTOR MUST VERIFY THE EXACT LOCATION AND DEPTH.

HORIZONTAL AND VERTICAL CONTROL, LINE AND GRADE STAKES FOR CURB, PAVING, ETC. WILL BE FURNISHED BY THE 7TH SURVEY DISTRICT OF THE CITY OF PHILADELPHIA BASED ON ITEM #4-1040. NOTE: THIS ITEM, ENGINEERING SERVICES, IS A PRE-DETERMINED AMOUNT TO BE DETERMINED BY THE SURVEYOR & REGULATOR AND TO BE INCLUDED IN THE CONTRACTOR'S BID.

PERMITS FOR BOLLARDS, CURB, & SIDEWALK PAVING WILL BE FURNISHED BY THE 2ND HIGHWAY DISTRICT OF THE CITY OF PHILADELPHIA.

THE CITY OF PHILADELPHIA SHALL PROVIDE INSPECTION SERVICES FOR PAVING AND RELATED WORK, TO BE PAID UNDER ITEM # 4-1041 AT A COST OF \$345 PER DAY. THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION UNIT OF THE DIVISION OF SURVEYS, DESIGN & CONSTRUCTION AT (215) 686-5539, A MINIMUM OF 2 WEEKS PRIOR TO THE START OF WORK. THIS ITEM, INSPECTION SERVICES, SHALL BE INCLUDED IN THE CONTRACTOR'S BID.

STREET LIGHT POLE LOCATIONS ARE NOT FINAL. THE STREETS DEPARTMENT STREET LIGHTING ENGINEER WILL DETERMINE THE EXACT LOCATIONS OF THE STREET LIGHT POLES DURING CONSTRUCTION. CONTACT THE STREET LIGHTING ENGINEER AT (215) 686-5517 TO COORDINATE STREET LIGHT POLE LOCATIONS.

STREET TREES MUST BE PERMITTED BY THE PHILADELPHIA DEPARTMENT OF PARKS & RECREATION. CONTACT THE STREET TREE MANAGEMENT DIVISION AT (215) 685-4363.

FOR PROJECTS ON STATE ROUTES, NOTICE IS HEREBY GIVEN THAT THE RECEIPT OF A PERMIT FROM EITHER THE PHILADELPHIA STREETS DEPARTMENT, OR THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION (PENNDOT) DOES NOT IMPLY A PERMIT FROM THE OTHER. ALL PERMITS MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.

**TABULATION OF OVERALL LENGTH**

COBBS CREEK CONNECTOR TRAIL - SEGMENT D - STA 11+09.79 TO STA 28+52.08 = 1742.29 FT. = 0.330 MI.

**TABULATION OF CONSTRUCTION LENGTH**

COBBS CREEK CONNECTOR TRAIL - SEGMENT D - STA 11+59.79 TO STA 28+01.16 = 1641.37' FT. = 0.311 MI.  
COBBS CREEK CONNECTOR TRAIL - SEGMENT C SPUR - STA 50+00.00 TO STA 51+26.00 = 126.00 FT. = 0.024 MI.

**STATION EQUALITIES**

COBBS CREEK CONNECTOR TRAIL - SEGMENT D STA 23+97.56 = SR 3002 STA 120+08.91  
SR 3002 STA 119+75.53 = LINDBERGH BLVD STA 220+00.00  
COBBS CREEK CONNECTOR TRAIL - SEGMENT D STA 27+23.69 = COBBS CREEK CONNECTOR TRAIL - SEGMENT C SPUR STA 50+00.00

**UTILITY NOTES**

EXISTING UTILITIES ARE SHOWN ON THE PLANS IN ACCORDANCE WITH THE BEST INFORMATION AVAILABLE AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CORRECTNESS AND COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED.

PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 287 (1974), AND AS AMENDED, THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATION. PENNSYLVANIA ONE CALL SYSTEM # \_\_\_\_\_ FOR THE CITY OF PHILADELPHIA IN WARD #40.

UTILITIES SHOWN ARE TAKEN FROM PUBLIC RECORD. THE CONTRACTOR MUST VERIFY THE EXACT LOCATION AND DEPTH.

THE CONTRACTOR SHALL VERIFY THE INFORMATION AND SHALL TAKE ALL PRECAUTIONS TO FULLY PROTECT THE UTILITY AND SERVICE.

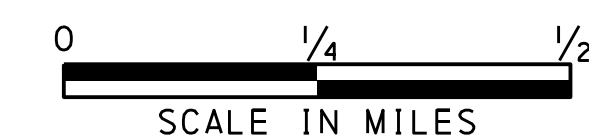
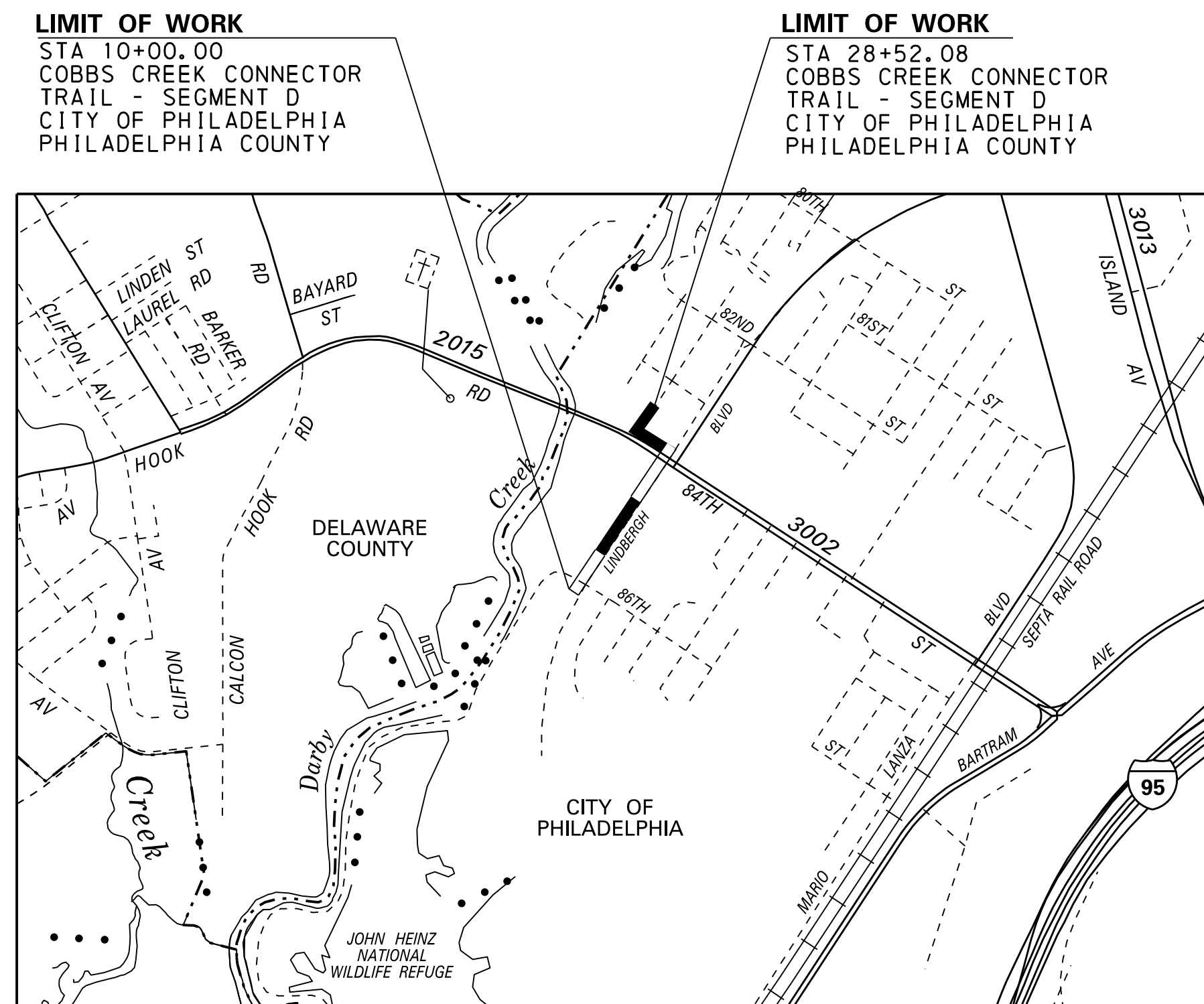
PRIOR TO ANY EXCAVATION, POST DRIVING OR DEMOLITION WORK IN THE VICINITY OF UNDERGROUND UTILITIES, THE CONTRACTOR MUST CONTACT THE PA "ONE CALL SYSTEM" AND COMPLY WITH PROVISIONS OF ACT 287 OF 1974 AND SUBSEQUENT AMENDMENTS. (ONE CALL NO. 1-800-242-1776)

IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL OVERHEAD LINES. NOTIFY THE UTILITY COMPANY AND COMPLY WITH THE UTILITY COMPANY'S SAFETY CLEARANCE REQUIREMENTS WHEN WORKING IN THE AREA OF THEIR FACILITIES.

PA ONE CALL FOR DESIGN SERIAL NO.: 20150851758-PHILADELPHIA COUNTY  
20150851902-PHILADELPHIA COUNTY

**LEGEND:**

- ADA CURB RAMP WITH DETECTABLE WARNING STRIP

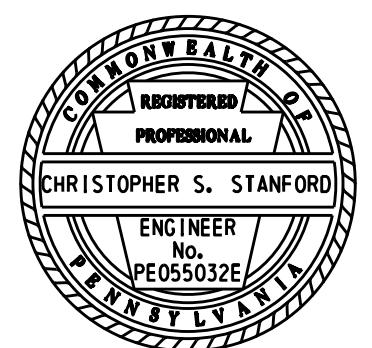


**LEGEND**

	PROJECT
	STATE ROAD
	CITY ROAD
	RAIL LINE
	WATERWAY
	COUNTY/STATE BOUNDARY

EARTHWORK SUMMARY ENTIRE PROJECT									
THE INFORMATION ON ESTIMATED AMOUNTS OF EARTHWORK HAS BEEN USED IN THE PRELIMINARY ESTIMATE. DO NOT USE AS A WAIVER OF ANY PROVISIONS OF THE SPECIFICATIONS AND CONTRACTS.									
CUBIC YARDS OF EXCAVATION						CUBIC YARDS OF COMPLETED EMBANKMENT	CUBIC YARDS OF BORROW EXCAVATION	CUBIC YARDS OF SELECT BORROW	CUBIC YARDS OF WASTE
CLASS 1	CLASS 1A	CLASS 1B	CLASS 2	CLASS 3	CLASS 4				
1345	--	--	--	--	59	--	--	--	1404
* INCLUDES QUANTITIES UNDER LUMP SUM BID ITEMS, AND INCIDENTAL TO PAYMENT UNDER OTHER ITEMS									

**LOCATION MAP & GENERAL NOTES**



14-MAR-2019

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## SUMMARY OF PROJECT COORDINATES

BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SOUTH ZONE)  
NOTE: FOUR (4) PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY  
AND DO NOT IMPLY A PRECISION BEYOND TWO (2) DECIMAL PLACES.

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
6-0	PHILADELPHIA	0000	CCD	4 OF 13	
CITY OF PHILADELPHIA					
REVISION NUMBER	REVISIONS			DATE	BY

### WATER MAIN NOTES:

1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE CITY OF PHILADELPHIA WATER DEPARTMENT WATER MAIN STANDARD DETAILS & CORROSION CONTROL SPECIFICATIONS, 1985 EDITION.
2. THE CONTRACTOR PERFORMING THE WATER & SEWER INSTALLATION MUST BE PREQUALIFIED BY PWD. CONTACT MS. TRISHA GRACE OF THE PROJECTS MANAGEMENT UNIT AT (215) 685-6336.
3. THE APPROVED WORK SHALL BE DONE IN THE PRESENCE OF A PWD INSPECTOR.
4. THE CONTRACTOR PERFORMING THIS WORK IS TO NOTIFY THE PWD CONSTRUCTION DIVISION, 1101 MARKET STREET, 2ND FLOOR, PHONE (215) 685-6345, AT LEAST 7 DAYS IN ADVANCE FOR ASSIGNMENT OF AN INSPECTOR TO THE JOB. WATER SHUT-OFF TO BE REQUESTED BY THE INSPECTOR ONLY.
5. A LIST OF ALL MATERIALS AND SUPPLIERS MUST BE SUBMITTED TO THE WATER DEPARTMENT CONSTRUCTION BRANCH FOR APPROVAL.
6. APPROVAL OF THESE PLANS BY THE WATER DEPARTMENT IS STRICTLY LIMITED TO THE DESIGN OF DUCTILE IRON WATER MAINS 6 INCHES IN DIAMETER AND ABOVE SHOWN WITHIN THE LIMITS OF THE CITY OF PHILADELPHIA PUBLIC RIGHT OF WAY.
7. CONTACT MR. ERIK SMITH, PWD-WATER TRANSPORT RECORDS, 1101 MARKET STREET, 2ND FLOOR, PHONE (215) 685-6270, FOR ADDITIONAL APPROVALS AND PERMITS REQUIRED FOR ALL WATER SERVICES, METERS AND CONNECTIONS TO THE EXISTING AND/OR PROPOSED PWD FACILITIES.
8. THE CONTRACTOR OR ENGINEER IS RESPONSIBLE FOR OBTAINING ALL ADDITIONAL PERMITS AND APPROVALS FROM ALL AFFECTED CITY AGENCIES AND UTILITIES.
9. WHEREVER EXISTING CORROSION CONTROL OF WATER MAINS IS DISTURBED, IT MUST BE RESTORED AND INSPECTED TO THE SATISFACTION OF THE PHILADELPHIA WATER DEPARTMENT.
10. PRIOR TO OBTAINING A BUILDING PERMIT, THE CONTRACTOR IS REQUIRED TO OBTAIN PWD STORMWATER MANAGEMENT APPROVAL, AND SEWAGE FACILITIES PLANNING (ACT 537) APPROVAL.
11. ANY CHANGE TO, OR DEVIATION FROM, THE FINAL APPROVED DESIGN PLANS DURING CONSTRUCTION MUST BE APPROVED BY THE ASSIGNED PWD-CONSTRUCTION DIVISION ENGINEER.
12. PLACE AND COMPACT BACKFILL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR EXCAVATION, REFILLING, GRADING, LANDSCAPING AND REPAVING.
13. DISINFECT ALL NEW WATER MAINS IN ACCORDANCE WITH W-22 AND AWWA C651.
14. TEST NEW WATER MAINS IN ACCORDANCE WITH AWWA C600, SECTION 4. TAKE ALL NECESSARY PRECAUTIONS TO PREVENT TEST PRESSURE FROM ENTERING ADJOINING DISTRIBUTION SYSTEM. TEST DISTRIBUTION MAINS AT 150 PSI FOR AT LEAST ONE HOUR. HYDROSTATIC TEST SHALL BE COMPLETED WITH NO MEASURABLE DROP IN PRESSURE. UPON A DROP IN PRESSURE, DETERMINE THE AMOUNT OF LEAKAGE BY MEASURING THE ADDITIONAL QUANTITY OF WATER THAT IS PUMPED INTO THE MAIN TO MAINTAIN PRESSURE WITHIN 5 PSI OF THE SPECIFIED TEST PRESSURE. WHERE THE MEASURED LEAKAGE EXCEEDS THE ESTABLISHED ALLOWABLE AMOUNTS THEN THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE AND MAKE APPROVED REPAIRS AS NECESSARY UNTIL THE LEAKAGE IS WITHIN THE SPECIFIED ALLOWANCE. REPAIR ALL VISIBLE LEAKS, REGARDLESS OF THE AMOUNT OF LEAKAGE.
15. THE ABANDONED WATER MAIN VALVE FRAMES AND FIRE HYDRANTS SHALL BE REMOVED AND DELIVERED INTACT TO PHILADELPHIA WATER DEPARTMENT AT 29TH & CAMBRIA STREETS.
16. FIRE HYDRANTS SHALL NOT BE CONSTRUCTED OR RELOCATED UNTIL SUCH EQUIPMENT AND LOCATIONS HAVE BEEN APPROVED BY THE WATER DEPARTMENT CONSTRUCTION DIVISION IN THE FIELD. THE CONSTRUCTION OR RELOCATION OF SUCH FACILITIES WITHOUT THE ABOVE APPROVAL WILL BE DONE AT THE RISK OF THE CONTRACTOR.
17. ALL ACTIVE SERVICES ARE TO BE RECONNECTED TO THE NEW MAIN IN ACCORDANCE WITH THE PHILADELPHIA PLUMBING CODE.
18. THE CONTRACTOR MUST PROVIDE AT MINIMUM ONE (1) WEEK'S NOTICE PRIOR TO PERFORMING ANY WORK NEAR A PWD TRANSMISSION MAIN. ANY WORK NEAR THE PWD WATER TRANSMISSION SYSTEM MUST BE COORDINATED WITH THE LOAD CONTROL OPERATIONS ENGINEER, PHONE (215) 685-9592.

### SEWER NOTES:

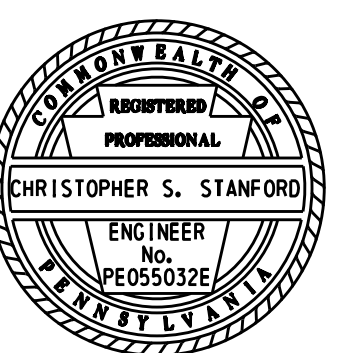
1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE CITY OF PHILADELPHIA WATER DEPARTMENT STANDARD DETAILS & STANDARD SPECIFICATIONS FOR SEWERS, 1985 EDITION.
2. THE CONTRACTOR PERFORMING THE WATER & SEWER INSTALLATION MUST BE PREQUALIFIED BY THE PHILADELPHIA WATER DEPARTMENT (PWD). CONTACT MS. TRISHA GRACE OF THE PROJECTS MANAGEMENT UNIT AT (215) 685-6339.
3. THE APPROVED WORK SHALL BE DONE IN THE PRESENCE OF A PWD INSPECTOR.
4. THE CONTRACTOR PERFORMING THIS WORK IS TO NOTIFY THE PWD CONSTRUCTION DIVISION, 1101 MARKET STREET, 2ND FLOOR, PHONE (215) 685-6345, AT LEAST 7 DAYS IN ADVANCE FOR ASSIGNMENT OF AN INSPECTOR TO THE JOB.
5. APPROVAL OF THESE PLANS BY THE WATER DEPARTMENT IS STRICTLY LIMITED TO THE DESIGN OF SEWERS 15-INCHES IN DIAMETER AND LARGER SHOWN WITHIN THE LIMITS OF THE CITY OF PHILADELPHIA PUBLIC RIGHT OF WAY. ADDITIONAL APPROVALS AND PERMITS ARE REQUIRED FOR ALL DRAINAGE CONNECTIONS TO THE EXISTING PWD FACILITIES.
6. CONTACT MR. ERIK SMITH, PWD-WATER TRANSPORT RECORDS, 1101 MARKET STREET, 2ND FLOOR, PHONE (215) 685-6270, FOR ADDITIONAL APPROVALS AND PERMITS REQUIRED FOR ALL SEWER CONNECTIONS TO THE EXISTING AND/OR PROPOSED PWD FACILITIES.
7. THE ELEVATION OF THE EXISTING SEWER AT THE CONNECTION POINT MUST BE FIELD-CHECKED BY THE CONTRACTOR IN THE PRESENCE OF A PWD INSPECTOR PRIOR TO CONSTRUCTING THE NEW SEWER.
8. FIELD-FABRICATED WYE BRANCHES AND BENDS ARE NOT PERMITTED.
9. A LIST OF ALL MATERIALS AND SUPPLIERS MUST BE SUBMITTED TO THE PWD CONSTRUCTION BRANCH FOR APPROVAL.
10. THE CONTRACTOR OR ENGINEER IS RESPONSIBLE FOR OBTAINING ALL ADDITIONAL PERMITS AND APPROVALS FROM ALL AFFECTED CITY AGENCIES AND UTILITIES.
11. PRIOR TO OBTAINING A BUILDING PERMIT, THE CONTRACTOR IS REQUIRED TO OBTAIN PWD STORMWATER MANAGEMENT APPROVAL, AND SEWAGE FACILITIES PLANNING (ACT 537) APPROVAL.
12. ANY CHANGE TO, OR DEVIATION FROM, THE FINAL APPROVED DESIGN PLANS DURING CONSTRUCTION MUST BE APPROVED BY THE ASSIGNED PWD-CONSTRUCTION DIVISION ENGINEER AND BY THE PWD-DESIGN BRANCH PROJECT ENGINEER.
13. PWD RESERVES THE RIGHT TO REQUEST ADDITIONAL BORINGS DURING CONSTRUCTION SHOULD THE SOIL EXCAVATED IN THAT AREA APPEAR TO BE UNSUITABLE.
14. ALL SEWER WORK MUST BE PERFORMED IN TRENCHES. OPEN CUT OR BENCHING WILL NOT BE PERMITTED. OAK TIMBER SHORING MUST BE USED TO SUPPORT ADJACENT STRUCTURES AND UNDERGROUND UTILITIES, AND IN ACCORDANCE WITH OSHA STANDARDS CFR29, PART 1926- 650 SUBPART - P EXCAVATIONS. ALTERNATIVE SHORING METHODS MUST BE APPROVED BY PWD-CONSTRUCTION DIVISION ENGINEER.
15. ANY TRENCH WHERE THE CUT IS DEEPER THAN 10 FEET WILL REQUIRE A DETAILED SHORING PLAN PREPARED BY A REGISTERED PROFESSIONAL ENGINEER TO BE SUBMITTED TO PWD FOR APPROVAL BEFORE WORK CAN BEGIN.
16. PLACE AND COMPACT BACKFILL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR EXCAVATION, REFILLING, GRADING, LANDSCAPING AND REPAVING.
17. MAINTAIN AND PROTECT EXISTING INLETS. SHOULD THE EXISTING INLETS BE IN ANY WAY DAMAGED DURING CONSTRUCTION, THESE SHOULD BE REPAIRED TO THE SATISFACTION OF THE PWD INSPECTOR OR REPLACED PER PWD STANDARDS.
18. THE ABANDONED INLET GRATES, AND TRAPS SHALL BE REMOVED AND DELIVERED INTACT TO THE PWD SEWER MAINTENANCE YARD AT FOX STREET AND ABBOTTSFORD AVENUE.
19. ALL ACTIVE DRAINAGE LATERALS TO BE RECONNECTED TO THE NEW SEWER.
20. THE ABANDONED INLET LATERAL SHALL BE SEALED AT THE CONNECTION TO THE EXISTING SEWER WITH A DOUBLE RING OF BRICK MASONRY, AND THE INLET VOID BACKFILLED WITH SELECTED EARTH MATERIAL, TAMPED TO GRADE AND PAVED.
21. THE THICKNESS OF THE EXISTING SEWER PIPE AND THE CHARACTERISTICS AND EXTENT OF THE PIPE CRADLES ARE UNKNOWN.
22. WHEN MAKING CONNECTION TO EXISTING INLET LATERAL, CONTRACTOR TO VERIFY CONDITION OF EXISTING LATERAL PRIOR TO MAKING CONNECTION. IF EXISTING LATERAL IS FOUND TO BE IN POOR CONDITION THE CONTRACTOR MUST CONSTRUCT A NEW 15" LATERAL PIPE TO THE EXISTING SEWER, AS APPROVED BY THE PWD INSPECTOR

ROUTE	STATION	POINT	COORDINATES		BEARINGS
			NORTH	EAST	
COBBS CREEK CONNECTOR TRAIL - SEGMENT D SURVEY & CONSTR	10+00.00	POT	214296.9097	2668403.8987	N 33°12'12" E
	23+20.12	PI	215401.4974	2669126.8114	N 30°29'14" E
	24+29.47	PC	215495.7296	2669182.2902	
	24+44.41	PI	215508.6070	2669189.8718	N 14°35'56" W
	24+57.80	PT	215523.0680	2669186.1053	
	24+91.72	PC	215555.8914	2669177.5561	
	25+02.58	PI	215566.4044	2669174.8179	N 67°09'34" W
	25+11.90	PT	215570.6213	2669164.8060	
	26+52.14	PC	215625.0585	2669035.5613	
	26+62.94	PI	215629.2512	2669025.6069	N 60°58'36" W
	26+73.72	PT	215634.4916	2669016.1620	
	27+23.69	PC	215658.7326	2668972.4718	
	27+74.28	PI	215683.2807	2668928.2281	N 33°14'43" E
	28+00.98	PT	215725.5971	2668955.9669	
29+78.17	PI	215873.7916	2669053.1101		
LINDBERGH BLVD SURVEY & CONSTR	220+00.00	POT	215445.4085	2669200.9762	N 33°12'12" E
	224+40.00	POT	215813.5710	2669441.9252	
SR 3002 SURVEY & CONSTR	116+00.00	POT	215239.7626	2669515.1967	N 56°47'48" W
	123+00.00	POT	215623.0905	2668929.4837	
COBBS CREEK CONNECTOR TRAIL - SEGMENT C SPUR SURVEY & CONSTR	50+00.00	POT	215658.7326	2668972.4718	N 60°58'36" W
	50+44.48	PC	215680.3120	2668933.5787	
	50+50.60	PI	215683.2807	2668928.2281	
	50+56.71	PT	215686.6353	2668923.1106	N 56°45'17" W
	51+26.00	POT	215724.6212	2668865.1621	

### LEGEND:

- POT = POINT ON TANGENT
- PI = POINT OF INTERSECTION
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENT

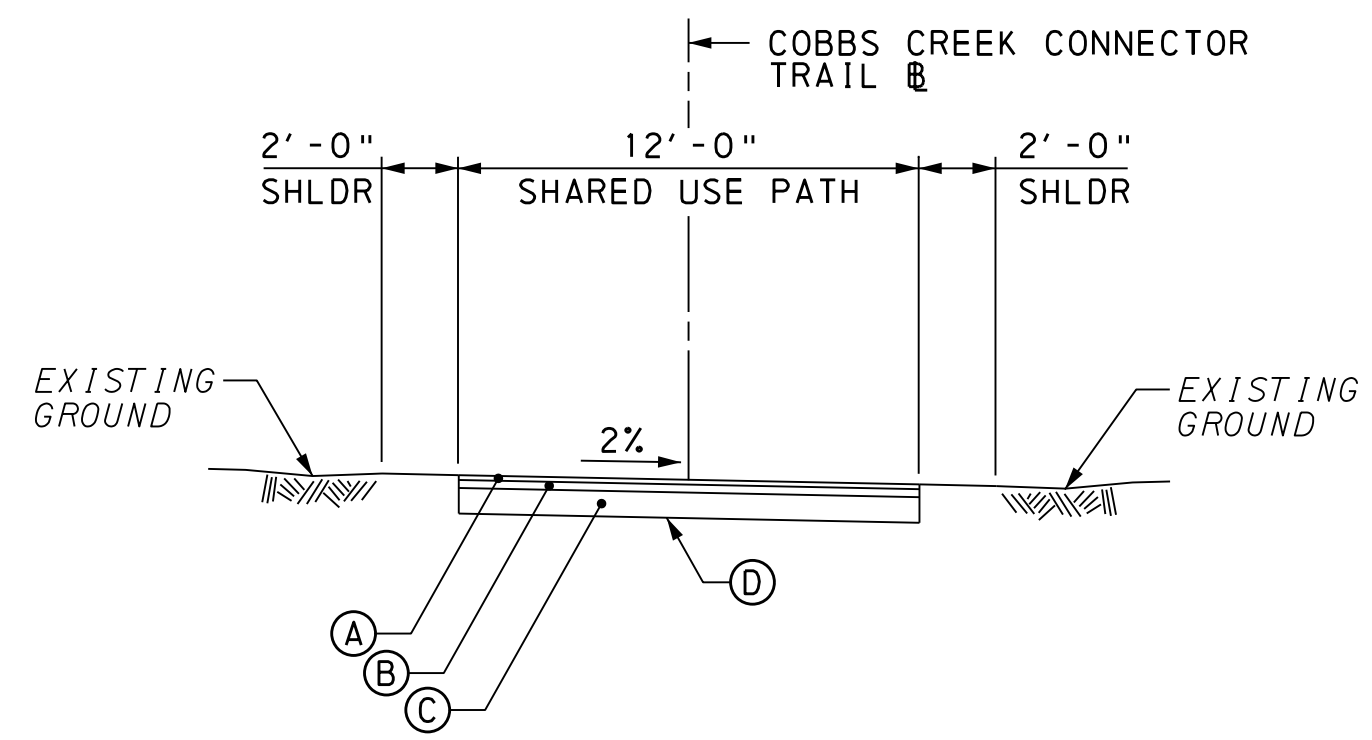
## SUMMARY OF PROJECT COORDINATES



14-MAR-2019

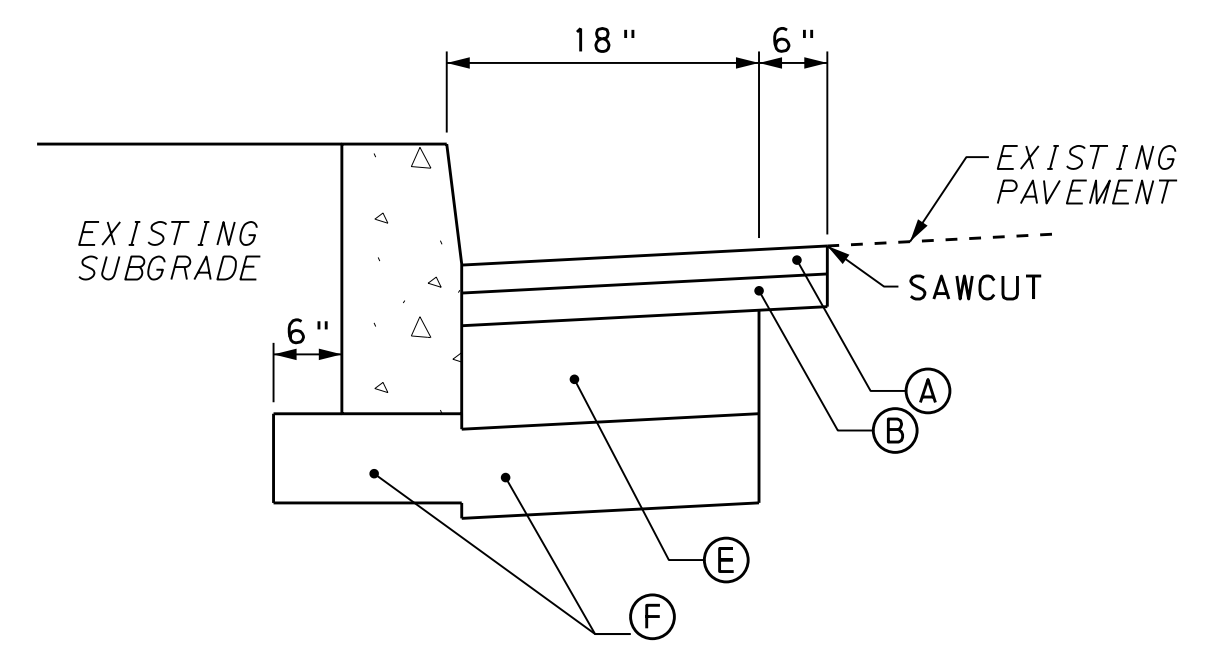
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	0000	CCD	5 OF 13
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS	DATE	BY	



**SHARED USE PATH TYPICAL SECTION**

NOT TO SCALE  
 COBBS CREEK CONNECTOR TRAIL SEGMENT C SPUR STA 50+00 TO STA 51+20  
 COBBS CREEK CONNECTOR TRAIL SEGMENT D STA 24+85 TO 27+93

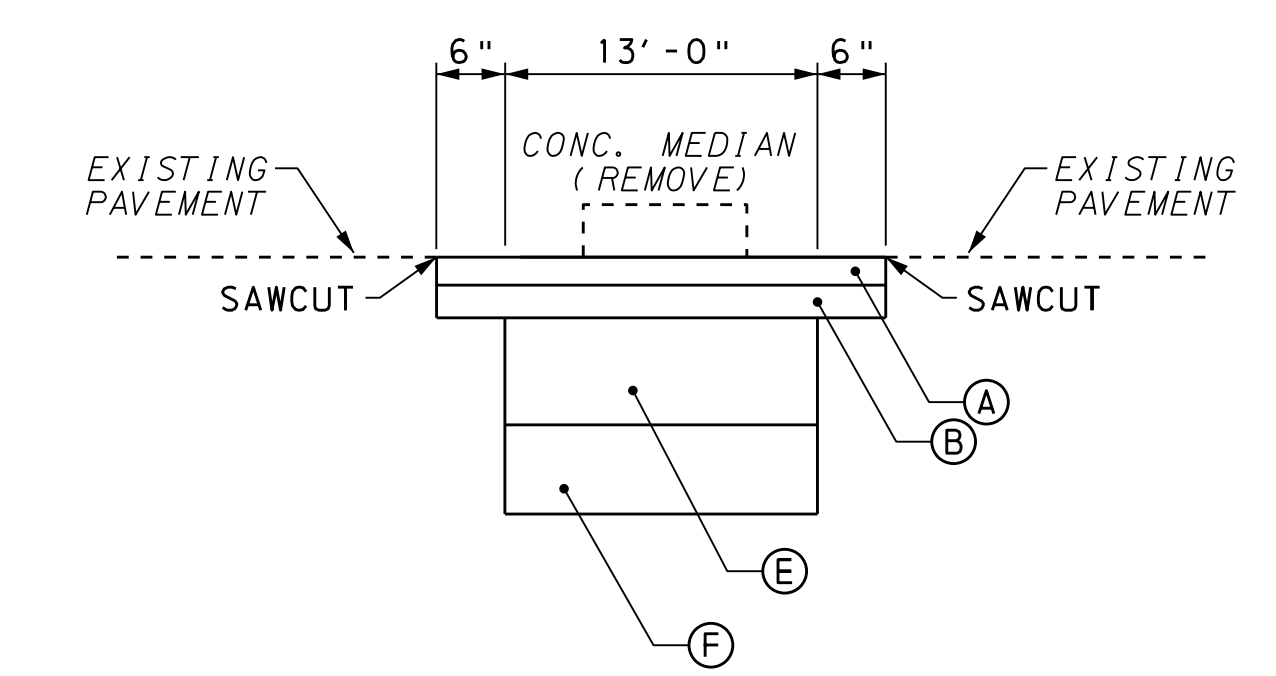


**DETAIL TYPICAL SECTION CURB AND ROADWAY RESTORATION**

NOT TO SCALE  
 COBBS CREEK CONNECTOR TRAIL SEGMENT D STA 11+72 TO 11+76 LT  
 COBBS CREEK CONNECTOR TRAIL SEGMENT D STA 11+76 TO 23+40 RT  
 COBBS CREEK CONNECTOR TRAIL SEGMENT D STA 22+93 TO 23+15 RT  
 COBBS CREEK CONNECTOR TRAIL SEGMENT D STA 23+38 TO 23+56 RT  
 LINDBERGH BLVD STA 220+38 TO 220+84 RT  
 LINDBERGH BLVD STA 220+35 TO 221+10 LT  
 SR 3002 STA 118+85 TO 119+38 RT  
 SR 3002 STA 120+01 TO 102+55 RT  
 SR 3002 STA 118+82 TO 119+30 LT  
 SR 3002 STA 120+20 TO 120+49 LT

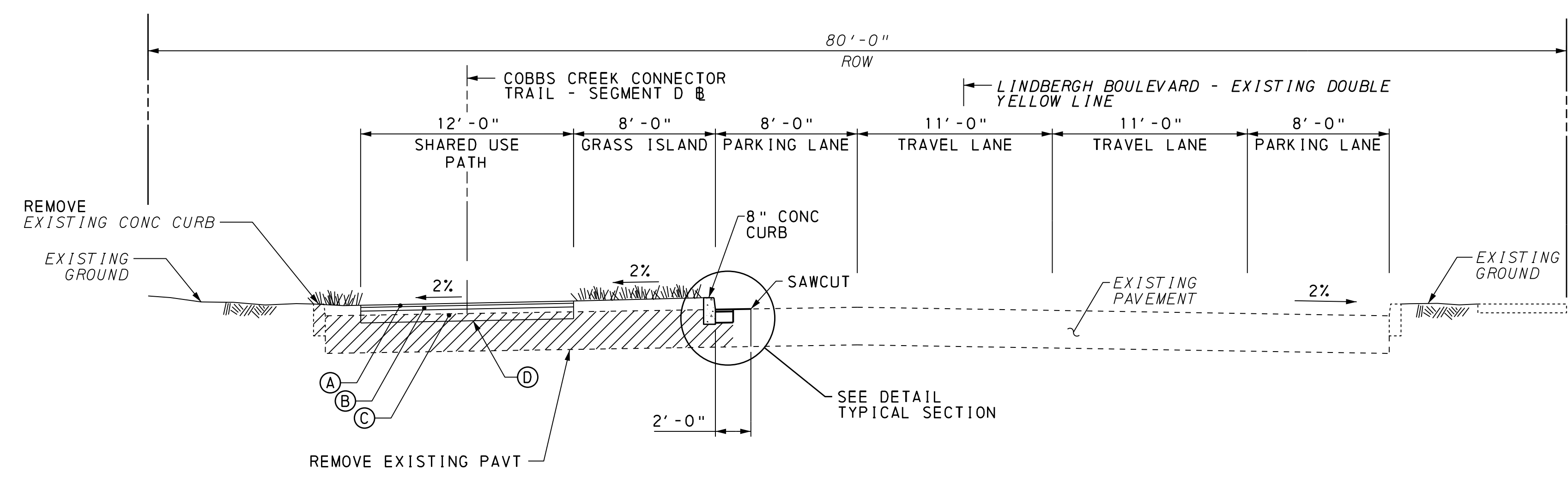
**LEGEND**

- (A) SUPERPAVE ASPHALT MIXTURE DESIGN, WMA WEARING COURSE, PG 64-22, < 0.3 MILLION ESALS, 9.5 mm MIX, 1 1/2" DEPTH, SRL-H
- (B) SUPERPAVE ASPHALT MIXTURE DESIGN, WMA BINDER COURSE, PG 64-22, < 0.3 MILLION ESALS, 19.0 mm MIX, 2 1/2" DEPTH
- (C) SUBBASE 8" DEPTH (NO. 2A)
- (D) GEOTEXTILE, CLASS 4, TYPE A
- (E) PLAIN CEMENT CONCRETE BASE COURSE, 8" DEPTH
- (F) SUBBASE 6" DEPTH (NO. 2A)



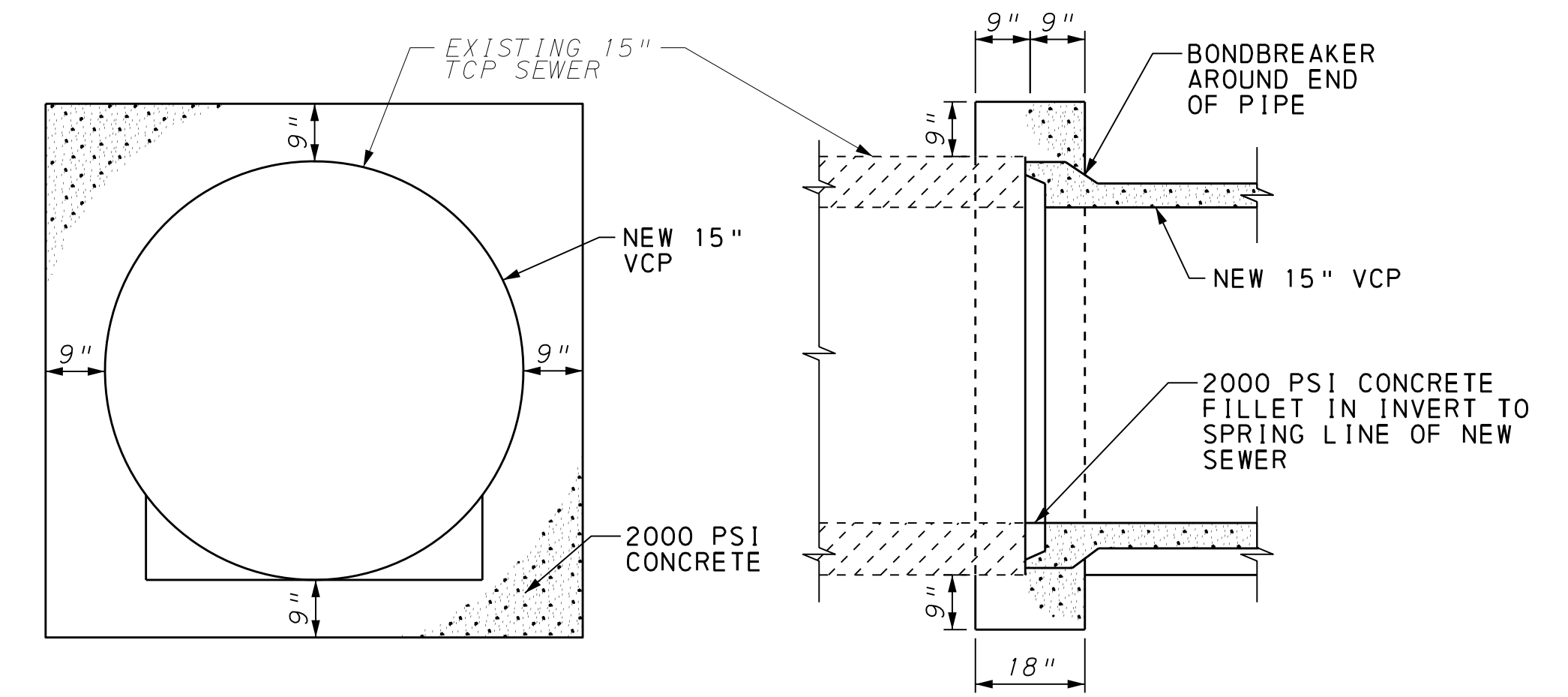
**DETAIL TYPICAL SECTION AT CENTER ISLAND REMOVAL ROADWAY RESTORATION**

NOT TO SCALE  
 COBBS CREEK CONNECTOR TRAIL SEGMENT D STA 22+77 TO STA 23+09 RT



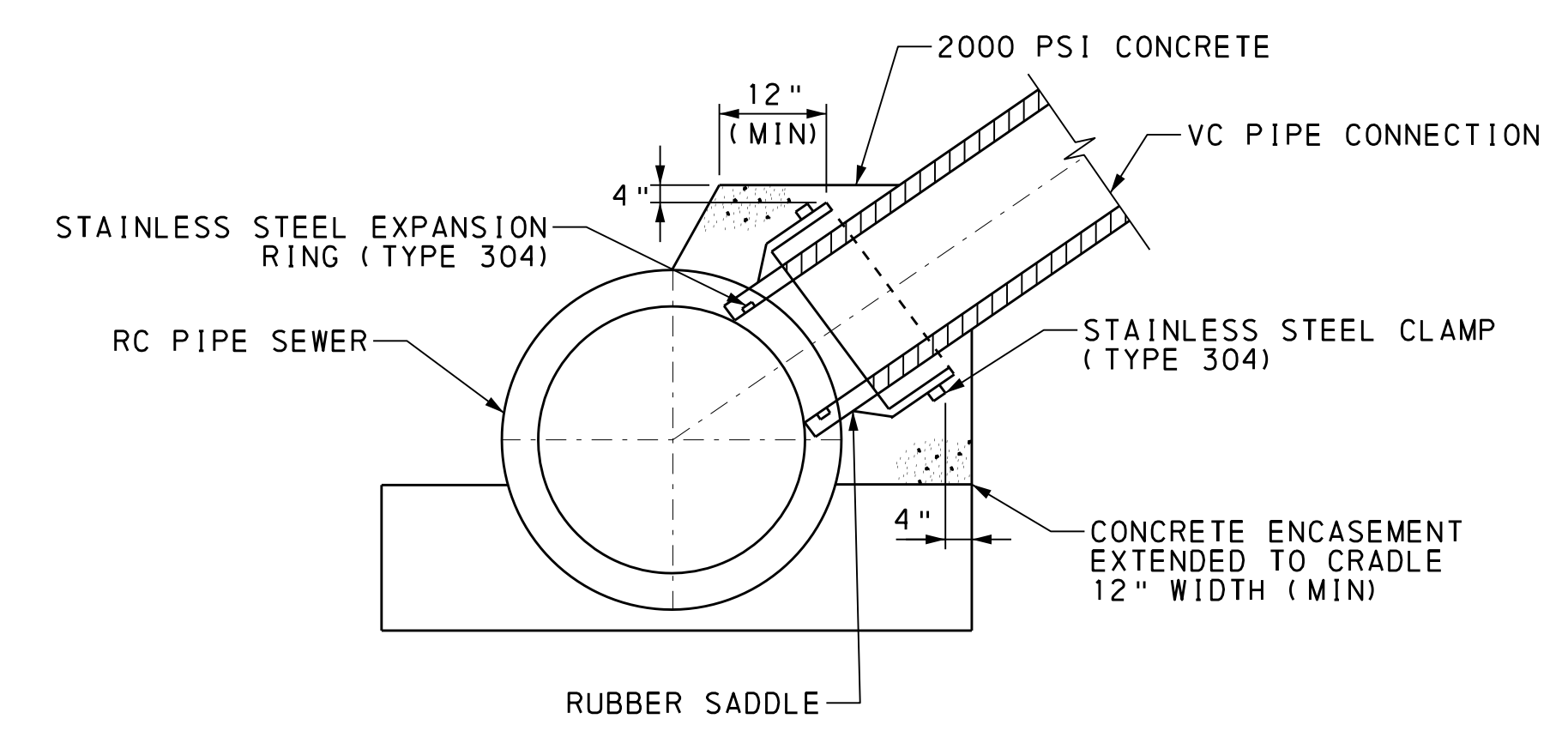
**SHARED USE PATH ON LINDBERGH BLVD TYPICAL SECTION**

NOT TO SCALE  
 COBBS CREEK CONNECTOR TRAIL SEGMENT D STA 12+30 TO STA 23+30



**CONCRETE COLLAR AT CONNECTION**

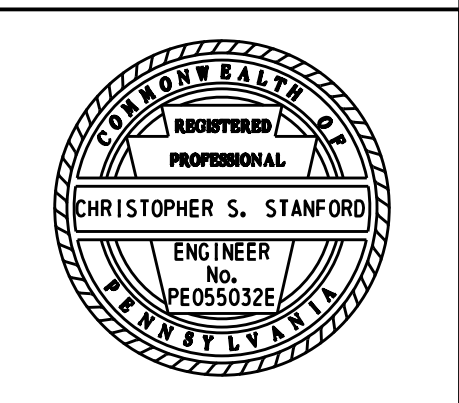
NOT TO SCALE



**SADDLE CONNECTION TO RCP SEWER**

NOT TO SCALE

**TYPICAL SECTIONS AND DETAILS**



14-MAR-2019

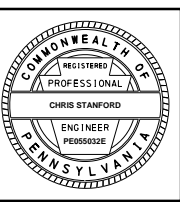
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# SUMMARY

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				06	PHILADELPHIA	0000	CCD	6 OF 13
CITY OF PHILADELPHIA								

◆ - SEE SPECIAL PROVISIONS

QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET
	UNIT					UNIT					UNIT					UNIT			
	0201 0001 LS	CLEARING AND GRUBBING		NO TAB	173	0804 0011 LB	SEEDING AND SOIL SUPPLEMENTS - FORMULA B		9	7	0954 0152 LF	TRENCH AND BACKFILL, TYPE II		TSP	204	0963 0001 SF	PAVEMENT MARKING REMOVAL		TCP
1345	0203 0001 CY	CLASS 1 EXCAVATION		8	33	0804 0014 LB	SEEDING - FORMULA E		9	422	0954 0153 LF	TRENCH AND BACKFILL, TYPE III		TSP	6112	0963 0004 LF	4" PAVEMENT MARKING REMOVAL		TCP
59	0204 0150 CY	CLASS 4 EXCAVATION		10	2	0805 0022 TON	MULCHING - STRAW		9	940	0954 0202 LF	SIGNAL CABLE, 14 AWG, 5 CONDUCTOR		TSP	8	0963 0010 EACH	PAVEMENT MARKING REMOVAL (LEGENDS AND SYMBOLS)		TCP
2016	0212 0014 SY	GEOTEXTILE, CLASS 4, TYPE A		8	14	0808 0002 EACH	AMERICAN ELM (2" - 3" CAL. B&B)		LAND	611	0954 0220 LF	SIGNAL CABLE, 14 AWG, 20 CONDUCTOR		TSP	3	0971 0001 EACH	REMOVE POST MOUNTED SIGNS, TYPE B		S & PMP
202	0301 0004 SY	PLAIN CEMENT CONCRETE BASE COURSE, 8" DEPTH		8	10	0808 0003 EACH	EASTERN REDBUD (1.75" - 2" CAL. B&B)		LAND	1	0954 0403 EACH	ELECTRICAL SERVICE, TYPE C		TSP	2	9000 0001 EACH	RELOCATION OF FIRE HYDRANT		8
783	0350 0104 SY	SUBBASE 4" DEPTH (NO. 2A)		8	9	0808 0005 EACH	NORTHWIND SWITCHGRASS		LAND	16	0955 3208 EACH	VEHICULAR SIGNAL HEAD, THREE 12" SECTIONS		TSP	1	9000 0020 EACH	TWO STAGE LEFT TURN BIKE BOX		S & PMP
202	0350 0106 SY	SUBBASE 6" DEPTH (NO. 2A)		8	12	0808 3351 EACH	WILLOW OAK - (2" - 3" CAL. B&B)		LAND	10	4955 3722 EACH	LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE A (STEADY COUNTDOWN)		TSP	4	9000 0030 EACH	PWD STANDARD OPEN MOUTH GRATE INLET		10
2016	0350 0108 SY	SUBBASE 8" DEPTH (NO. 2A)		8	13	0808 3494 EACH	RED FLOWERING DOGWOOD - (1.75" 2" CAL. B&B)		LAND	1695	0960 0001 LF	4" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	4	9000 0031 EACH	ABANDON EXISTING INLET, MATERIAL & LABOR		10
2218	0411 0382 SY	SUPERPAVE ASPHALT MIXTURE DESIGN, WMA WEARING COURSE, PG 64-22, < 0.3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H		8	9	0808 4350 EACH	FRAGRANT SUMAC - (18" HT. B&B OR CONTAINER)		LAND	4139	0960 0002 LF	4" YELLOW HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	1	9000 0032 EACH	WYE CONNECTION TO EXISTING STORMWATER CONDUIT		10
2218	0411 6350 SY	SUPERPAVE ASPHALT MIXTURE DESIGN, WMA BINDER COURSE, PG 64-22, < 0.3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH		8	2	0849 0010 EACH	ROCK CONSTRUCTION ENTRANCE		9	5953	0960 0005 LF	6" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	5	9000 0033 EACH	PWD STANDARD INLET BOX		10
4437	0460 0001 SY	BITUMINOUS TACK COAT		8	1	0855 0003 EACH	PUMPED WATER FILTER BAG		9	2063	0960 0021 LF	24" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	1	9000 0034 EACH	PWD STANDARD HIGHWAY GRATE INLET		10
79	0601 7008 LF	15" REINFORCED CONCRETE PIPE, TYPE A, 20' - 1.5' FILL		10	1	0855 0004 EACH	REPLACEMENT PUMPED WATER FILTER BAG		9	18	0960 0101 EACH	WHITE HOT THERMOPLASTIC LEGEND, "ONLY", 8' - 0"		S & PMP	2	9000 0040 EACH	STANDARD CITY INLET PROTECTION		9
1	0606 0151 SET	GRADE ADJUSTMENT OF EXISTING MANHOLES		10	2	4860 0000 EACH	INLET FILTER BAG FOR PWD STANDARD HIGHWAY GRATE INLET		9	4	0960 0220 EACH	WHITE HOT THERMOPLASTIC LEGEND, "STRAIGHT ARROW", 12' - 0" X 1' - 8"		S & PMP	4	9000 0051 EACH	JUNCTION BOX, COMPOSITE, 12"X18"X12"		TSP
	0608 0001 LS	MOBILIZATION		NO TAB	9	4860 0002 EACH	INLET FILTER BAG FOR PWD STANDARD OPEN MOUTH GRATE INLET		9	10	0960 0222 EACH	WHITE HOT THERMOPLASTIC LEGEND, "RIGHT ARROW", 12' - 0" X 3' - 0"		S & PMP	1	9000 0052 EACH	CIRCULAR COMPOSITE JUNCTION BOX, 39"OD X 24"		TSP
	0609 0009 LS	EQUIPMENT PACKAGE		NO TAB		0901 0001 LS	MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION		NO TAB	9	0960 0224 EACH	WHITE HOT THERMOPLASTIC LEGEND, "LEFT ARROW", 12' - 0" X 3' - 0"		S & PMP	1	9000 0053 EACH	SOLID STATE CONTROLLER, 2-4 PHASE, TYPE 1 MOUNTING, TYPE 170, TYPE 332 CABINET		TSP
4	0618 0021 EACH	CONCRETE COLLAR FOR 15" PIPE EXTENSION		10	17	0901 0240 SF	ADDITIONAL TRAFFIC CONTROL SIGNS		TCP	60	0960 0257 LF	WHITE HOT THERMOPLASTIC LEGEND, "YIELD LINE", 24" X 36" TRIANGLE, (MIN 4 TRIANGLES PER LINE)		S & PMP	4	9000 0054 EACH	LED LUMINAIRE		TSP
229	0630 0001 LF	PLAIN CEMENT CONCRETE CURB		8	176	0931 0001 SF	POST MOUNTED SIGNS, TYPE B		S & PMP , TSP	3622	0962 1000 LF	4" WHITE WATERBORNE PAVEMENT MARKINGS		TCP	4	9000 0055 EACH	12' BRACKET ARM FOR TRAFFIC POLE MOUNTED LUMINAIRE		TSP
783	0676 0001 SY	CEMENT CONCRETE SIDEWALK		8	9	0932 0001 SF	POST MOUNTED SIGNS, TYPE C		S & PMP	59	0962 1004 LF	24" WHITE WATERBORNE PAVEMENT MARKINGS		TCP	1	9000 0056 EACH	FISHEYE VIDEO DETECTION SYSTEM		TSP
	0686 0030 LS	CONSTRUCTION SURVEYING, TYPE B, MODIFIED		NO TAB	49	0935 0001 SF	POST MOUNTED SIGNS, TYPE F		S & PMP , TSP	3002	0962 1005 LF	4" YELLOW WATERBORNE PAVEMENT MARKINGS		TCP	70	9000 0057 LF	ELECTRICAL SERVICE WIRE, #6 AWG		TSP
	0689 0001 LS	NARRATIVE SCHEDULE		NO TAB	291	0936 0200 SF	STRUCTURE MOUNTED FLAT SHEET ALUMINUM SIGNS		TSP	73	0962 1009 LF	24" YELLOW WATERBORNE PAVEMENT MARKINGS		TCP	276	9000 0058 LF	STREET LIGHTING WIRING, #4 AWG		TSP
EITHER 294	0695 0003 SF	DETECTABLE WARNING SURFACE, POLYMER CONCRETE		1	8	0941 0001 EACH	RESET POST MOUNTED SIGNS, TYPE B		S & PMP	3	0962 1025 EACH	WHITE WATERBORNE PAVEMENT LEGEND, "ONLY", 8'-0"		TCP	276	9000 0059 LF	STREET LIGHTING CONDUIT, 2" PVC		TSP
OR ---	0695 0002 SF	DETECTABLE WARNING SURFACE, CAST IRON		1	8	0954 0012 LF	2 INCH CONDUIT		TSP	2	0962 1061 EACH	WHITE WATERBORNE PAVEMENT LEGEND, "RIGHT ARROW", 12'-0" X 3'-0"		TCP					
OR ---	0695 0004 SF	DETECTABLE WARNING SURFACE, POLYMER COMPOSITE		1	8	0954 0013 LF	3 INCH CONDUIT		TSP	1	0962 1062 EACH	WHITE WATERBORNE PAVEMENT LEGEND, "LEFT ARROW", 12'-0" X 3'-0"		TCP					
1074	0802 0001 CY	TOPSOIL FURNISHED AND PLACED		9	70	0954 0151 LF	TRENCH AND BACKFILL, TYPE I		TSP	2	0962 1064 EACH	WHITE WATERBORNE PAVEMENT LEGEND, "THRU AND LEFT ARROW", 20'-0" X 3'-7"		TCP					

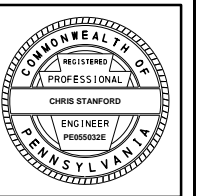


# SUMMARY

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				06	PHILADELPHIA	0000	CCD	7 OF 13
CITY OF PHILADELPHIA								

◆ - SEE SPECIAL PROVISIONS

QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET
	UNIT					UNIT					UNIT					UNIT			
2	9000 0060 EACH	CONNECTION OF STREET LIGHT ELECTRICAL SERVICE ◆		TSP															
1	9000 0070 EACH	TEMPORARY SIGNAL TIMING REVISIONS ◆		TCP															
2	9000 0100 EACH	TRAFFIC SIGNAL SUPPORT, 20' C-POST ◆		TSP															
1	9000 0101 EACH	TRAFFIC SIGNAL SUPPORT, 20' MAST ARM ◆		TSP															
1	9000 0102 EACH	TRAFFIC SIGNAL SUPPORT, 45' MAST ARM ◆		TSP															
1	9000 0103 EACH	TRAFFIC SIGNAL SUPPORT, 50' MAST ARM ◆		TSP															
1	9000 0104 EACH	TRAFFIC SIGNAL SUPPORT, 60' MAST ARM ◆		TSP															
1	9000 0105 EACH	TRAFFIC SIGNAL SUPPORT, 30' MAST ARM WITH LUMINAIRE ARM (30' MOUNTING HEIGHT) ◆		TSP															
2	9000 0106 EACH	TRAFFIC SIGNAL SUPPORT, 40' MAST ARM WITH LUMINAIRE ARM (30' MOUNTING HEIGHT) ◆		TSP															
1	9000 0107 EACH	TRAFFIC SIGNAL SUPPORT, 50' MAST ARM WITH LUMINAIRE ARM (30' MOUNTING HEIGHT) ◆		TSP															
224	9630 0011 LF	PLAIN CEMENT CONCRETE CURB INCLUDING REMOVAL OF EXISTING CURB AND PAVEMENT RESTORATION ◆		8															
2059	9630 0012 LF	PLAIN CEMENT CONCRETE CURB INCLUDING PAVEMENT RESTORATION ◆		8															
20	9694 0255 EACH	DESIGN OF CONCRETE CURB RAMP ◆		8															
	9808 6001 LS	PLANT ESTABLISHMENT PERIOD ◆		NO TAB															
7	9960 0118 EACH	WHITE HOT THERMOPLASTIC LEGEND, "BICYCLE WITH RIDER", 6'-0" X 4'-0" ◆		S & PMP															
13	9960 0220 EACH	WHITE HOT THERMOPLASTIC LEGEND, "STRAIGHT ARROW" 6'-0" X 1'-8" ◆		S & PMP															

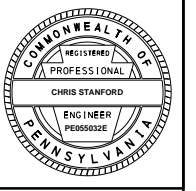


# TABULATION OF QUANTITIES

## ROADWAY

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				06	PHILADELPHIA	0000	CCD	8 OF 13
CITY OF PHILADELPHIA								

(+) SEE SUMMARY SHEET FOR COMPLETE ITEM NUMBERS



CLASS 1 EXCAVATION	CY	GEOTEXTILE, CLASS 4, TYPE A	PLAIN CEMENT CONCRETE BASE COURSE, 8" DEPTH	SUBBASE 4" DEPTH (NO. 2A)	SUBBASE 6" DEPTH (NO. 2A)	SUBBASE 8" DEPTH (NO. 2A)	SUPERPAVE ASPHALT MIXTURE DESIGN, WMA WEARING COURSE, PG 64-22, < 0.3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H	SUPERPAVE ASPHALT MIXTURE DESIGN, WMA BINDER COURSE, PG 64-22, < 0.3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH	BITUMINOUS TACK COAT	PLAIN CEMENT CONCRETE CURB	CEMENT CONCRETE SIDEWALK	DESIGN NO. 1	RELOCATION OF FIRE HYDRANT	PLAIN CEMENT CONCRETE CURB INCLUDING REMOVAL OF EXISTING CURB AND PAVEMENT RESTORATION	PLAIN CEMENT CONCRETE CURB INCLUDING PAVEMENT RESTORATION	DESIGN OF CONCRETE CURB RAMP	REMARKS	SIDE	STATIONS	ITEM	UNIT	
																				NUMBER		
																	TRAIL					
3				15							15						ADA RAMP REMOVAL	RT	11+60.00 to 11+73.00			
948															1221		SHARED USE PATH	LT / RT	11+68.00 to 23+40.00			
10				44							44	16			59	2	BUMP OUT	RT	12+07.00 to 12+31.00			
				57							57	24				1	ADA RAMP & SHARED USE PATH	LT / RT	12+10.00 to 12+49.00			
	1400					1400	1400	1400	2800								SHARED USE PATH	LT / RT	12+36.00 to 22+94.00			
													1						RT	15+55.00		
101		202		202			202	202	405								PAVEMENT RESTORATION AT CENTER ISLAND	RT	21+79.00 to 23+09.00			
													1						RT	22+79.00		
9				70							70	20		77		2	BUMP OUT	RT	22+93.00 to 23+07.00			
				72							72	36				2	ADA RAMPS & SHARED USE PATH	LT / RT	22+94.00 to 23+40.00			
1																	REMOVAL OF CONCRETE PAD	LT	23+25.00 to 23+34.00			
16				70						33	70	20		50		2	ISLAND	RT	23+29.00 to 23+46.00			
20				160						71	160	68		238		3	ISLAND	LT / RT	24+29.00 to 24+54.00			
3				13							13	24		16		1	ADA RAMP	LT / RT	24+78.00 to 24+85.00			
199	598					598	598	598	1196								SHARED USE PATH	LT / RT	24+85.00 to 27+92.00			
4	18					18	18	18	36								BITUMINOUS SIDEWALK	RT	25+07.00 to 25+08.00			
3				15						20	15	24				1	ADA RAMP	LT / RT	27+92.00 to 28+02.00			
																	SR 3002					
				107							107			410			ISLAND EXTENSION	LT / RT	116+90.00 to 119+01.00			
2				9						34	9	20		13		2	ADA RAMPS	RT	118+85.00 to 119+00.00			
15				103						71	103	30		45	131	3	ISLAND	RT	118+85.00 to 119+38.00			
																	LINDBERGH BLVD					
11				48							48	12		23		1	ADA RAMP & SIDEWALK	RT	220+95.00 to 221+79.00			
1345	2016	202		783	202	2016	2218	2218	4437	229	783	294	2	224	2059	20	TOTALS					



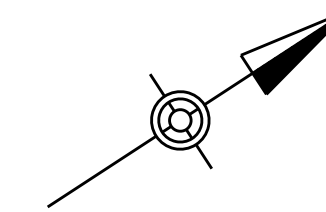






DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	0000	CCD	12 OF 13
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS	DATE	BY	

BM #2 - ELEV=16.50'  
 43.94' RT STA 18+06.13  
 COBB CREEK CONNECTION TRAIL-SEGMENT D @  
 TOP OF SANITARY SEWER MANHOLE

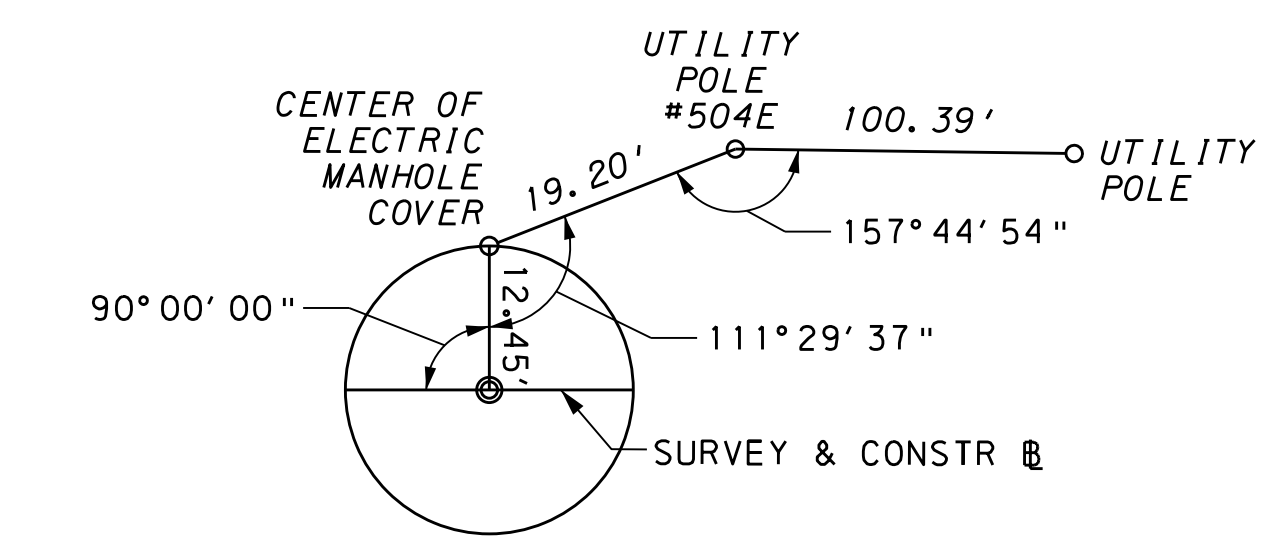


**LEGEND:**

PROPOSED BIT SHARED USE PATH

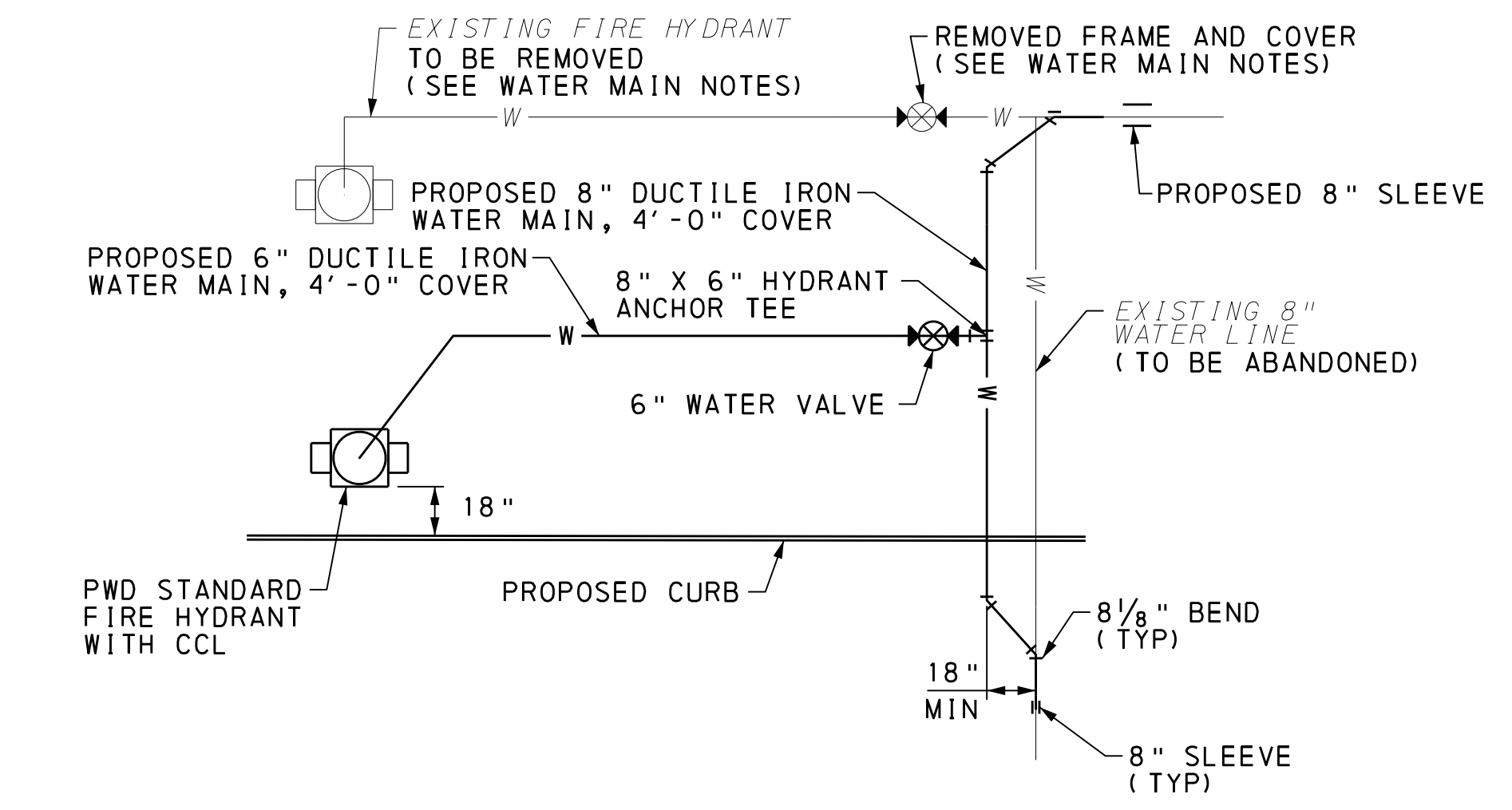
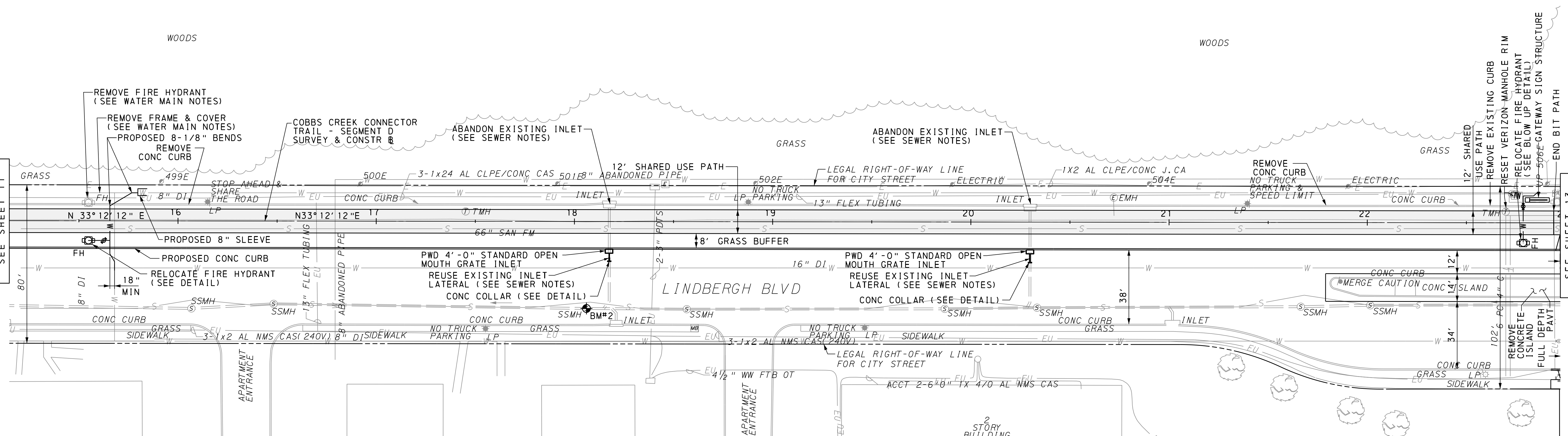
**NOTE:**

SEWER NOTES ARE LOCATED ON SHEET 2 OF 9 OF THE  
 EROSION AND SEDIMENT POLLUTION CONTROL PLAN SET.

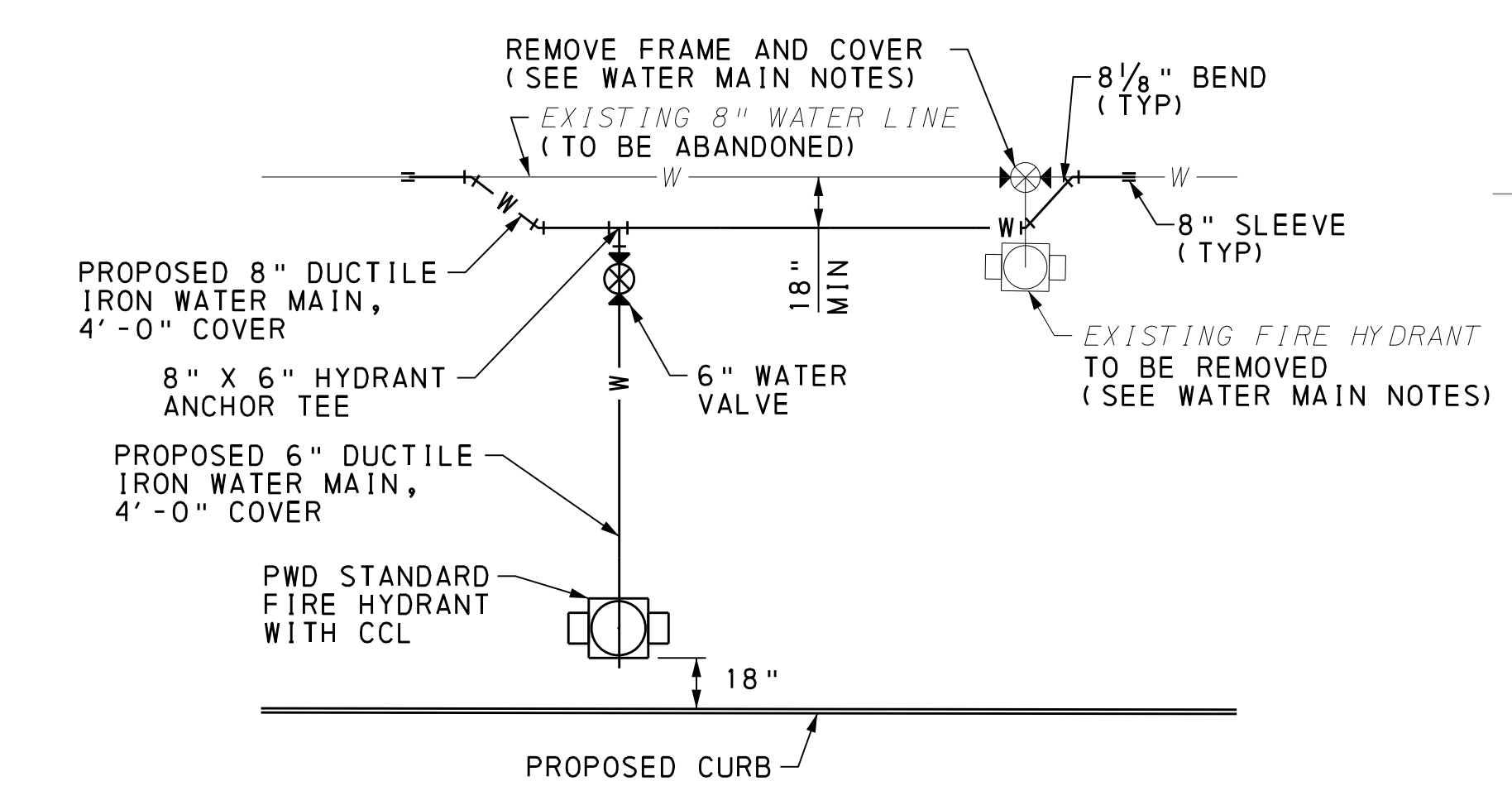


POT STA 20+72.13  
 COBB CREEK CONNECTION TRAIL - SEGMENT D  
 NOT TO SCALE

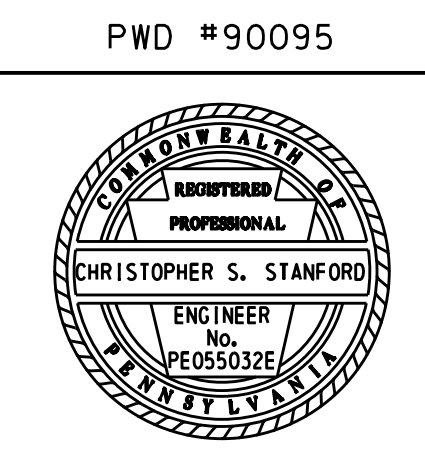
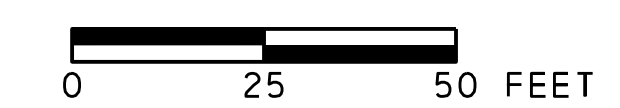
PHILADELPHIA REDEVELOPMENT AUTHORITY



**FIRE HYDRANT RELOCATION DETAIL - PLAN VIEW**  
 NOT TO SCALE



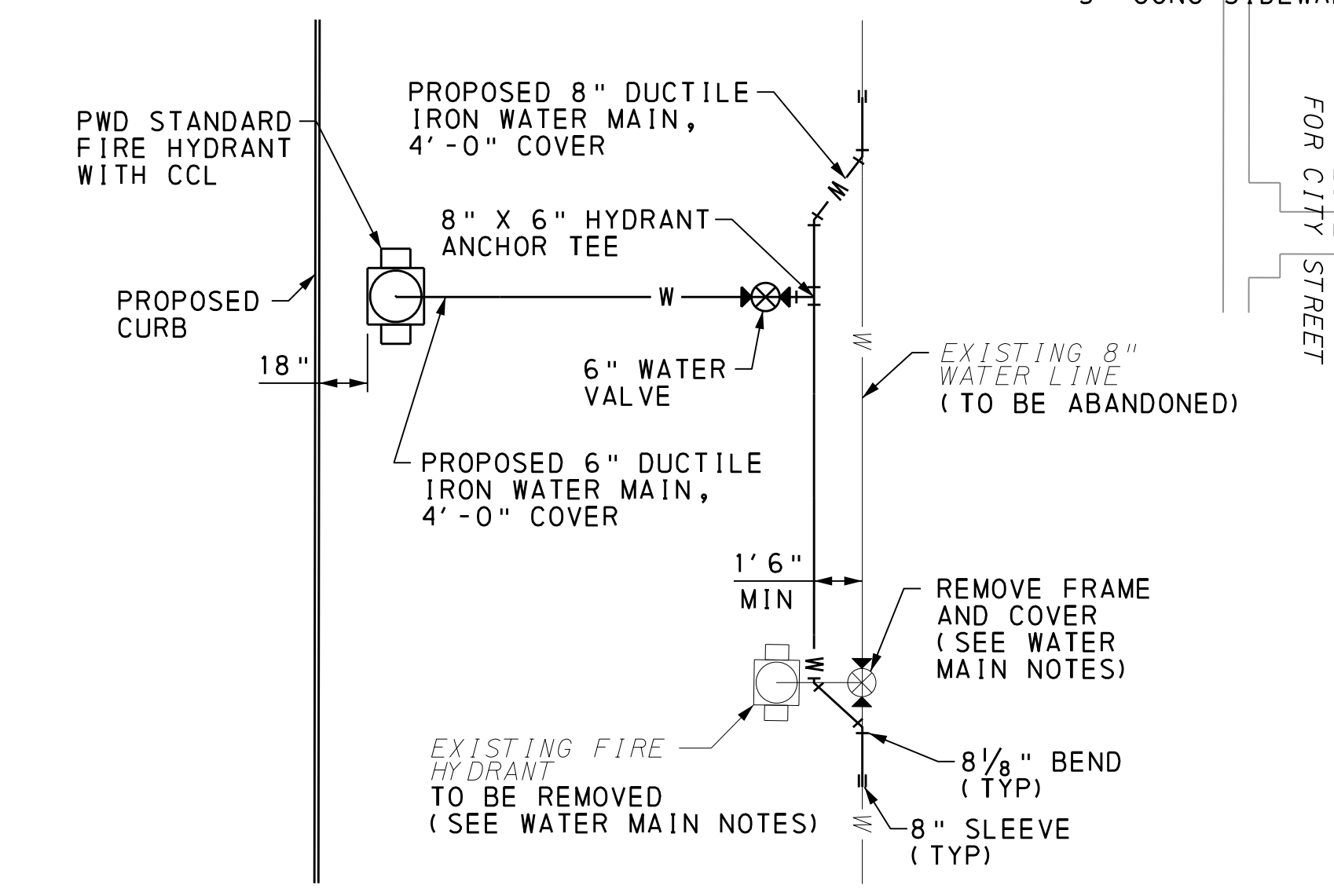
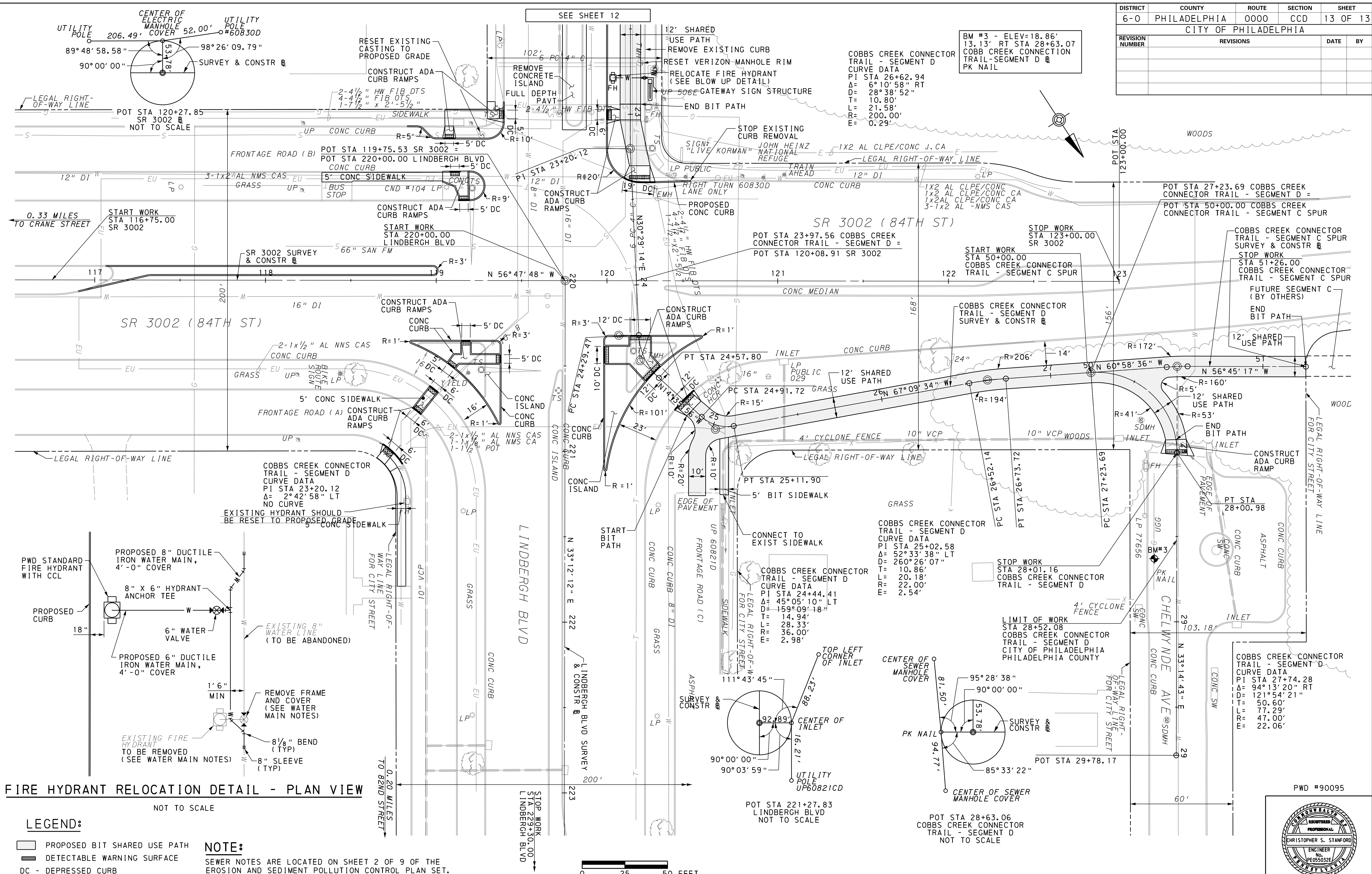
**FIRE HYDRANT RELOCATION DETAIL - PLAN VIEW**  
 NOT TO SCALE



14-MAR-2019

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	0000	CCD	13 OF 13
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS	DATE	BY	

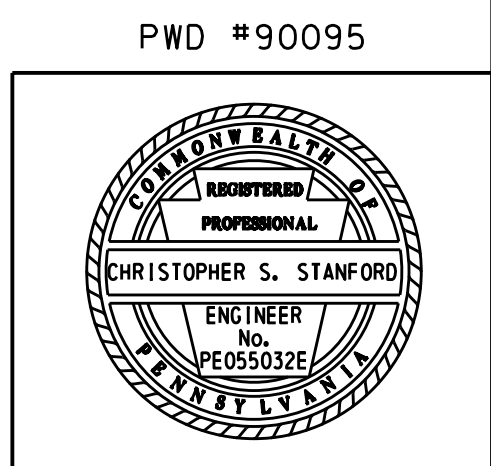
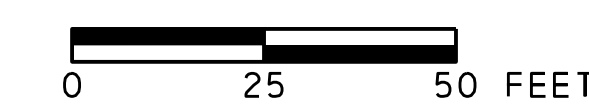


**LEGEND:**

- PROPOSED BIT SHARED USE PATH
- DETECTABLE WARNING SURFACE
- DC - DEPRESSED CURB

**NOTE:**

SEWER NOTES ARE LOCATED ON SHEET 2 OF 9 OF THE EROSION AND SEDIMENT POLLUTION CONTROL PLAN SET.



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