

ADDENDUM NO. 1

Date: May 2, 2019

To: All Bidders

From: Penny Owens, Assistant Purchasing Agent, City of Knoxville

Subject: Addendum No. 1 – 2019 Facilities Paving Project

Bids to be Opened: May 15, 2019 at 11:00 am (Eastern Time)

This addendum is being published to post the pre-bid meeting sign-in sheet, provide updates to the specifications, and answer questions received regarding the above referenced Invitation to Bid. The addendum becomes a part of the Contract Document and modifies the original specifications as noted.

Changes to the Contract Documents and Specifications:

Bid Proposal

A revised bid proposal form is attached to this addendum. The following is a summary of the changes made:

1. The quantity for Item No. 10.20, Asphaltic Concrete Surface, Grading E has been revised.
2. Item No. 10.25, Asphaltic Concrete Surface, Grading 411E (Shoulder) has been added.
3. Item No. 10.30, Asphalt Curb has been removed.
4. The quantity for Item No. 38.10, Milling or Grinding of Asphalt Streets (Surface Mill) has been revised.
5. The quantity for Item No. 38.20, Milling or Grinding of Asphalt Streets (Profile Mill) has been revised.
6. The quantity for Item No. 70.10, Wheel Stops has been revised.

Schedule

At Site 1 – Loraine Street, the Contractor shall coordinate with Traffic Engineering to install the wheel stops after the Employee Parking Lot has been striped. Estimated timeline of one week after construction is complete.

Clarification of Contract Documents and Specifications:

The following are responses to questions received from potential bidders:

Questions

1. Q: Can the approximate asphalt quantities be provided for all of the sites?

A: Yes, the table below shows approximate quantities per site. This is only to help with estimating purposes and does not change the bid proposal form.

Sites	Total Area (SY)	Dig Out (SY)	Surface Milling (Tons)	Profile Milling (Tons)	Binder (Tons)	Shoulder (Tons)	Surface * (Tons)
1 – Loraine Street	9,000	-	200	-	200	-	1065
2 – KPD Facility	255,000	-	35	460	-	600	1900
3 – O’Connor Center	1,100	1,100	10	-	160	-	110
4 – Lonsdale	700	-	-	-	110	-	75

* See pavement sections in special conditions for material type

2. Q: At Site 2 – KPD Facility, what kind of milling is expected around the existing catch basin drainage structures?

A: The Contractor shall Surface Mill around the existing catch basins and extend milling along the curb ten (10) feet on either side.

3. Q: Will the City of Knoxville be Adding an Asphalt Index and adjustment to the contract?

A: No

END OF ADDENDUM NO. 1

BID PROPOSAL
CITY OF KNOXVILLE, TENNESSEE

**2019 Facilities Paving Project
Project No. 19W-P-0674**

TO THE PURCHASING AGENT
CITY OF KNOXVILLE, TENNESSEE

_____ hereby propose(s) to furnish all material, labor, and appliances and do all work required to complete the Contract for the 2019 Facilities Paving Project, Project No. 19W-P-0674, located in the City of Knoxville, Tennessee, in a workmanlike manner and in accordance with the plans of the Department of Engineering and specifications herewith attached.

Bidder further agrees that in case of failure to sign a delivered contract within thirty (30) days, the certified check or bid bond accompanying this bid and the proceeds thereof shall be the property of the City of Knoxville if the City chooses to retain said bid bond or check.

BID SCHEDULE

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
1.10	Mobilization of Forces, Supplies and Equipment	LS	1	_____	_____
5.10	Mineral Aggregate Base	TON	475	_____	_____
7.10	Tack Coat	GAL	4,005	_____	_____
8.10	Seal Coat	SY	26,000	_____	_____
9.20	Bituminous Plant Mix, Grading B-M	TON	470	_____	_____
10.10	Asphaltic Concrete Surface, Grading D	TON	1,900	_____	_____
10.20	Asphaltic Concrete Surface, Grading E	TON	1,250	_____	_____
10.25	Asphaltic Concrete Surface, Grading 411E (Shoulder)	TON	600	_____	_____
10.40	Pavement Removal (up to 2 ft. in depth)	SY	1,100	_____	_____
26.10	Topsoil	CY	50	_____	_____
27.10	Seeding	SY	1,740	_____	_____
38.10	Milling or Grinding of Asphalt Streets (Surface Mill)	TON	245	_____	_____

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
38.20	Milling or Grinding of Asphalt Streets (Profile Mill)	TON	460		
39.10	Thermoplastic Pavement Marking (4" Line)	LMI	3.6		
39.11	Pavement Marking (4" Line)	LF	810		
39.20	Thermoplastic Pavement Marking (STOP Line)	LF	125		
39.40	Thermoplastic Pavement Marking (Turn Lane Arrow)	EA	6		
39.45	Thermoplastic Pavement Marking (Only)	EA	1		
39.50	Thermoplastic Pavement Marking (Accessible Parking Symbol)	EA	1		
39.70	Thermoplastic Pavement Marking (Channelization Striping)	SY	19		
39.71	Pavement Marking (Channelization Striping)	SY	7		
63.10	Accessible Parking (Sign and Post)	EA	1		
70.10	Wheel Stops	EA	75		
71.10	Rumble Strip	LF	3,920		
TOTAL BID				\$	

TOTAL BID (In Words):

QUANTITIES

ITEM	DESCRIPTION	QUANTITIES	UNIT
1.10	MOBILIZATION OF FORCES, SUPPLIES, AND EQUIPMENT	1	L.S.
③ 5.10	MINERAL AGGREGATE BASE	475	TON
7.10	TACK COAT	4,005	GAL
① 8.10	SEAL COAT (2 COATS)	26,000	S.Y.
9.20	BITUMINOUS PLANT MIX BASE, GRADING "B-M"	470	TON
② 10.10	ASPHALTIC CONCRETE SURFACE, GRADING "D"	1,900	TON
10.20	ASPHALTIC CONCRETE SURFACE, GRADING "E"	1,250	TON
② 10.25	ASPHALTIC CONCRETE SURFACE, GRADING "411E (SHOULDER)"	600	TON
③ 10.40	PAVEMENT REMOVAL (UP TO 2 FT. IN DEPTH)	1,100	S.Y.
① 26.10	TOPSOIL	50	C.Y.
① 27.10	SEEDING	1,740	S.Y.
38.10	MILLING OR GRINDING OF ASPHALT STREETS (SURFACE MILL)	245	TON
② 38.20	MILLING OR GRINDING OF ASPHALT STREETS (PROFILE MILL)	460	TON
② 39.10	THERMOPLASTIC PAVEMENT MARKING (4" LINE)	3.6	LMI
39.11	PAVEMENT MARKING (4" LINE)	810	L.F.
② 39.20	THERMOPLASTIC PAVEMENT MARKING (STOP LINE)	125	L.F.
② 39.40	THERMOPLASTIC PAVEMENT MARKING (TURN LANE ARROW)	6	EACH
② 39.45	THERMOPLASTIC PAVEMENT MARKING (ONLY)	1	EACH
④ 39.50	THERMOPLASTIC PAVEMENT MARKING (ACCESSIBLE PARKING SYMBOL)	1	EACH
② 39.70	THERMOPLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	19	S.Y.
39.71	PAVEMENT MARKING (CHANNELIZATION STRIPING)	7	S.Y.
④ 63.10	ACCESSIBLE PARKING (SIGN AND POST)	1	EACH
70.10	WHEEL STOPS	75	EACH
② 71.10	RUMBLE STRIP	3,920	L.F.

- ① SITE #1
- ② SITE #2
- ③ SITE #3
- ④ SITE #4

GENERAL NOTES

UTILITIES

1. THE LOCATION OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED.
2. UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTORS AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT.
3. THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
4. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING ALL AFFECTED UTILITIES PRIOR TO SUBMITTING HIS BID, IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND / OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF THE WORK FOR THE PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS, WHILE SOME WORK MAY BE REQUIRED AROUND UTILITY FACILITIES THAT WILL REMAIN IN PLACE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR WILL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVENIENCE CAUSED BY THE UTILITY ADJUSTMENTS.
5. THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY.
6. SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC. AT 1-800-351-1111.
7. ALL POWER, LIGHT AND COMMUNICATION LINES, POLES, WATER LINES, GAS LINES, SEWER LINES OR OTHER PUBLIC UTILITIES CONFLICTING WITH THE PROPOSED IMPROVEMENTS SHALL BE RESET OR ADJUSTED BY THEIR RESPECTIVE OWNERS AS FOLLOWS:

KNOXVILLE UTILITIES BOARD -	ALL GAS, ELECTRIC, WATER, AND SANITARY SEWER LINES.
AT&T -	ALL TELEPHONE LINES.
WOW! OF KNOXVILLE OR COMCAST -	ALL CABLE TELEVISION

MAINTENANCE OF TRAFFIC

1. ACCESS TO ALL PRIVATE DRIVES MUST BE MAINTAINED DURING CONSTRUCTION.
2. PEDESTRIAN ACCESS MUST BE MAINTAINED TO ALL ADJOINING PROPERTIES DURING CONSTRUCTION AND NON-CONSTRUCTION HOURS.
3. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A STAGING AREA WITH THE APPROVAL OF THE ENGINEER, LOCATED TO MINIMIZE IMPACT TO THE AREA. THE CONTRACTOR MUST IDENTIFY A PARKING AREA, WITH THE APPROVAL OF THE ENGINEER, FOR EMPLOYEE PARKING.
4. THE CONTRACTOR SHALL NOT OPERATE TRACK-DRIVEN EQUIPMENT ON THE ADJACENT LOCAL STREET SYSTEM AND IS DISCOURAGED FROM OPERATING RUBBER-TIRED CONSTRUCTION EQUIPMENT ON ADJACENT STREETS. IN THE EVENT THAT SUCH OPERATIONS BECOME NECESSARY, THEY MUST BE COORDINATED THROUGH THE ENGINEER.
5. NO ADDITIONAL PAYMENTS WILL BE MADE FOR CONSTRUCTION AREA TRAFFIC CONTROL, BUT THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING NECESSARY TRAFFIC CONTROL. ALL SITUATIONS AND TRAFFIC SCHEMES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 34.0.

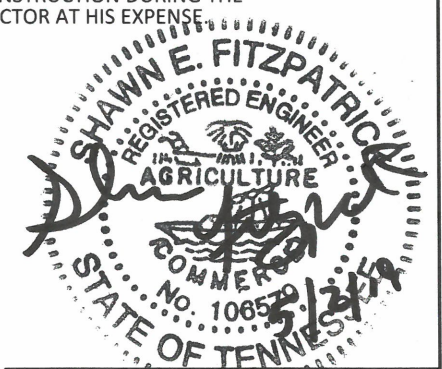
MISCELLANEOUS

1. CONTRACTOR SHALL NOTIFY AFFECTED PROPERTY OWNERS PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL CLEAR ONLY AREAS TO BE EXCAVATED.

GRADING

1. ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES MUST BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE PROVISIONS SPECIFIED IN THE CITY OF KNOXVILLE BMP MANUAL.
2. EXCAVATED MATERIAL IN EXCESS OF THAT REQUIRED FOR EMBANKMENT FILLING, OR UNSUITABLE FOR SUCH SHALL BE DISPOSED OF PROPERLY BY THE CONTRACTOR WITH THE SITE OF DISPOSAL BEING APPROVED BY THE ENGINEER. ALL APPLICABLE PERMITS FOR THE DISPOSAL OF MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR.
3. ALL EARTHEN AREAS EXPOSED BY CONSTRUCTION SHALL BE COVERED WITH 4 INCHES OF TOPSOIL AND SEED. WORK SHALL BE DONE IN AN EXPEDIENT MANNER TO MINIMIZE TIME OF EXPOSURE TO WEATHER.
4. ANY AREA THAT IS DISTURBED OUTSIDE THE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

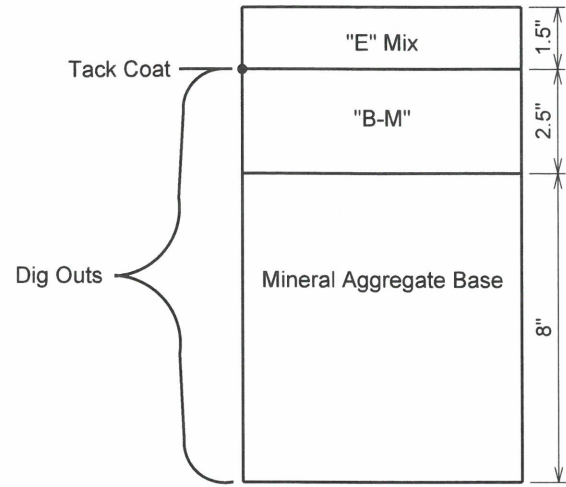
PROJECT No. 19W-P-0674	YEAR 2019	SHEET No. 2	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	05-02-19	JC	REMOVAL, ADDITION, AND CLARIFICATION OF SOME QUANTITIES



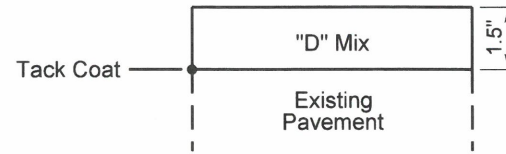
CITY OF KNOXVILLE DEPARTMENT OF ENGINEERING	DRAWN: J.C. DESIGNED: A.K. DATE: 18-APR-2019 APPROVED: S.F.
ESTIMATED QUANTITIES AND GENERAL NOTES	
2019 CITYWIDE FACILITIES PAVING	

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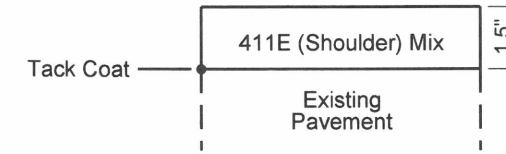
PROJECT No.	YEAR	SHEET No.	
19W-P-0674	2019	3	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	05-02-19	JC	CLARIFIED SOME TYPICALS



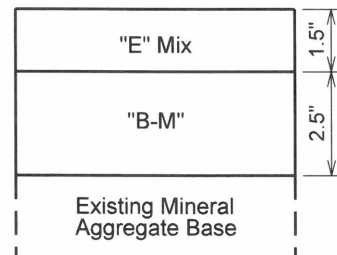
O'Connor Center Pavement Section



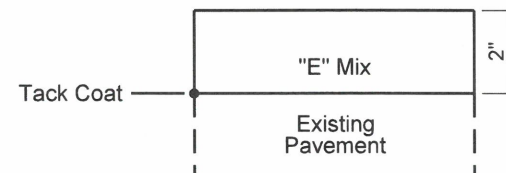
KPD Driving Track Pavement Section



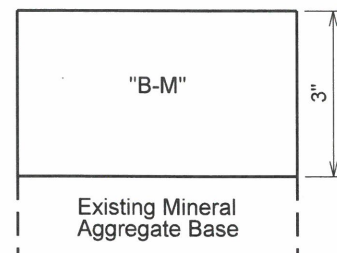
KPD Skid Pad Pavement Section



Lonsdale Parking Lot Pavement Section



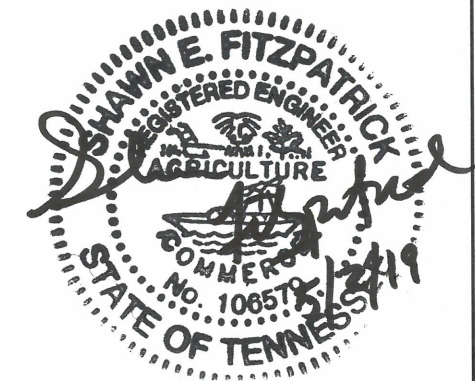
Loraine Street Circulation Road Pavement Section



Loraine Street Employee Parking Pavement Section



Loraine Street Seal Coat Section



CITY OF KNOXVILLE DEPARTMENT OF ENGINEERING	DRAWN: J.C. DESIGNED: A.K. DATE: 18-APR-2019 APPROVED: S.F.
2019 CITYWIDE FACILITIES PAVING	
PAVEMENT SECTIONS	
Scale: N.T.S.	

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PROJECT No. 19W-P-0674	YEAR 2019	SHEET No. 4	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	05-02-19	JC	ADDED A NOTE AND CLARIFIED SOME AREAS



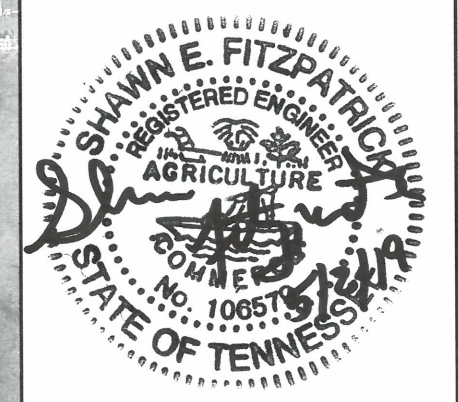
LEGEND	
	AREA TO BE RESURFACED
	SEAL COAT

NOTE: STRIPING OF SITE IS NOT INCLUDED IN THIS CONTRACT



- * THIS SITE TO BE COMPLETED FIRST
- * WHEEL STOPS TO BE INSTALLED AFTER TRAFFIC ENGINEERING STRIPES EMPLOYEE PARKING LOT

Public Service Warehouse



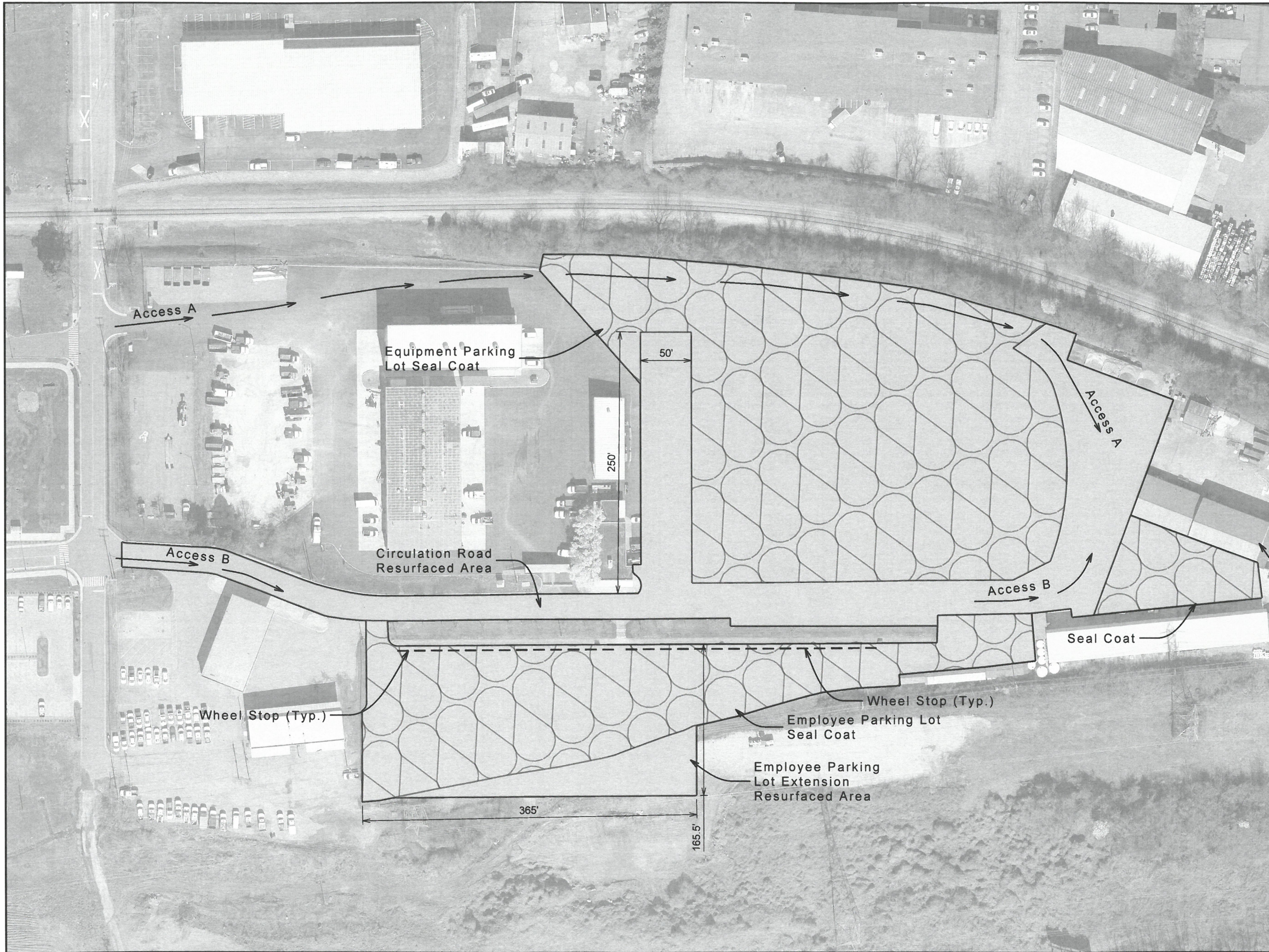
CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING

DRAWN: J.C.
DESIGNED: A.K.
DATE: 18 APR 2019
APPROVED: S.F.

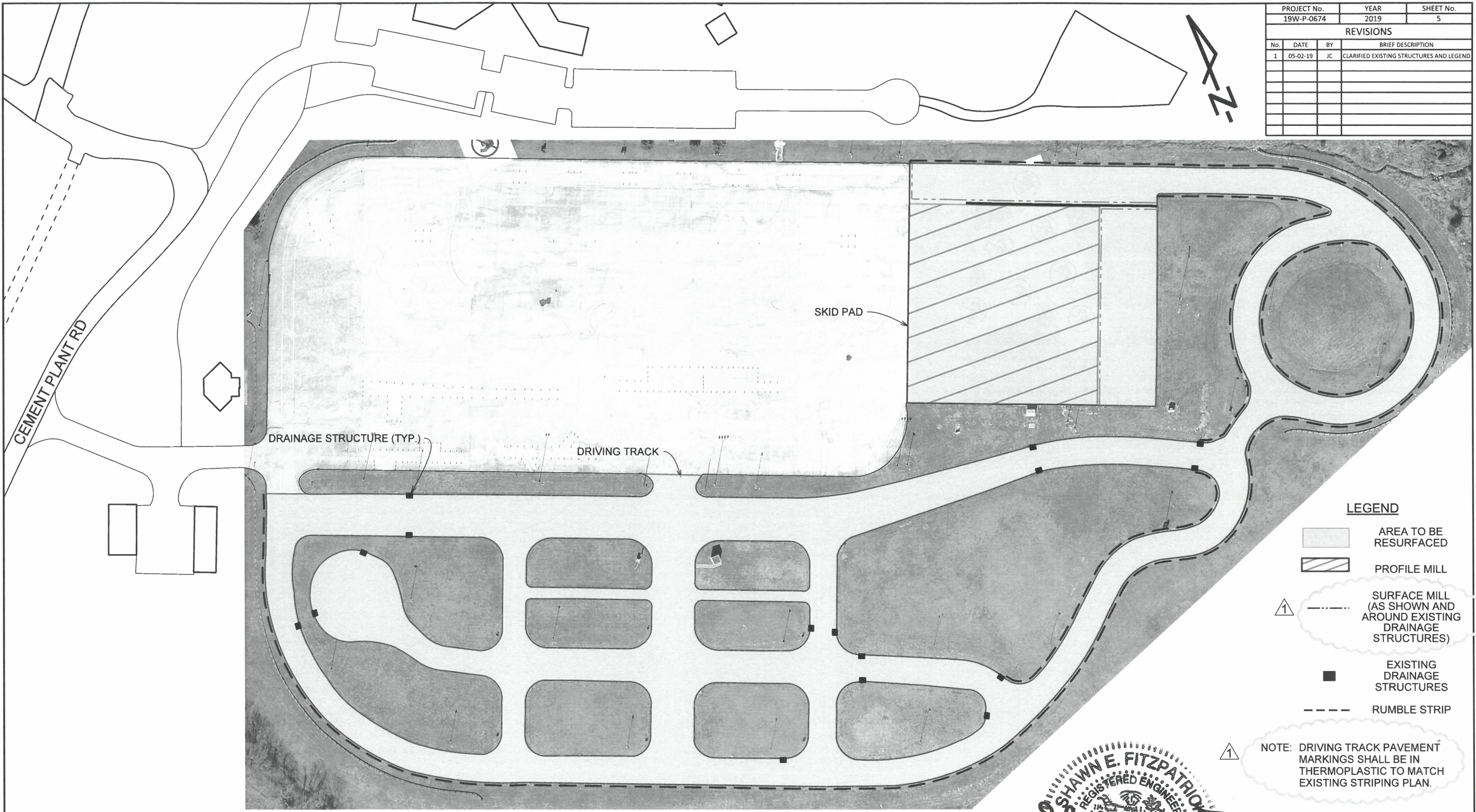
2019 CITYWIDE FACILITIES PAVING
SITE 1

PUBLIC SERVICE
DEPARTMENT
1400 LORAIN ST
Scale: N.T.S.

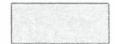




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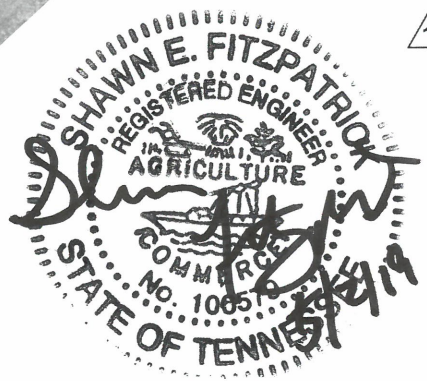
PROJECT No.	YEAR	SHEET No.	
19W-P-0674	2019	5	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	05-02-19	JC	CLARIFIED EXISTING STRUCTURES AND LEGEND



LEGEND

-  AREA TO BE RESURFACED
-  PROFILE MILL
-  SURFACE MILL (AS SHOWN AND AROUND EXISTING DRAINAGE STRUCTURES)
-  EXISTING DRAINAGE STRUCTURES
-  RUMBLE STRIP

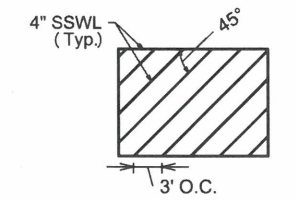
 NOTE: DRIVING TRACK PAVEMENT MARKINGS SHALL BE IN THERMOPLASTIC TO MATCH EXISTING STRIPING PLAN.



CITY OF KNOXVILLE DEPARTMENT OF ENGINEERING	DRAWN: J.C. DESIGNED: A.K. DATE: 18 APR 2019 APPROVED: S.F.
2019 CITYWIDE FACILITIES PAVING SITE 2	
KPD DRIVER TRAINING FACILITY	
Not to Scale	

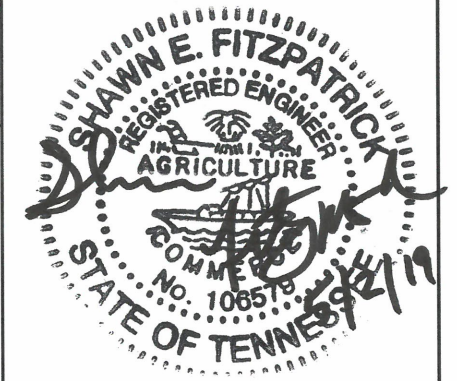
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PROJECT No.	YEAR	SHEET No.	
19W-P-0674	2019	7	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	05-02-19	JC	CLARIFIED WHEEL STOPS



Channelization Striping Area Detail
N.T.S.

12 Parking Space Count
(19 Spaces Total)



CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING

2019 CITYWIDE FACILITIES PAVING
SITE 4
LONSDALE PARKING LOT

Scale: 1" = 30'

DRAWN: J.C.
DESIGNED: A.K.
DATE: 18 APR 2019
APPROVED: S.F.

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