



# Beavercreek

**SUBJECT :** ADDENDUM NO. 2  
**PROJECT:** KEMP ROAD SIDEWALKS PROJECT;  
PID 110374  
**DATE:** JANUARY 24, 2024

The following changes, deletions, and/or additions shall apply to the above referenced project:

**1. PROPOSAL FORMS**

- A.** Changes have been made to bid reference numbers. Bid reference 9 has been removed from the project. Please remove and replace the old proposal forms with the enclosed revised proposal forms.

**2. SPECIAL PROVISIONS**

- A.** No Changes.

**3. PLANS**

- A.** Changes have been made to page 5. Underground Storage Tank Removal has been removed from the project. Note with this item have been removed from the plans.

**4. SPECIFICATIONS**

- A.** No Changes.

**5. CLARIFICATIONS**

- A.** Questions were asked about the underground storage tank note and quantities in the plans. After further review, these tanks were closed and removed with no further action. This plan note and quantities for Underground Storage Tank Removal have been removed from the project.



# Beavercreek

Respectfully,

Nicholas W. Smith, P.E.  
Assistant City Engineer

**ACKNOWLEDGMENT OF RECEIPT  
AND AGREEMENT TO COMPLY:**

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**By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**PROPOSAL**

1 OF 10

GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	ENGINEER ESTIMATE	
					UNIT COST (C)	TOTAL COST (D=AxC)
ROADWAY						
1	201	CLEARING AND GRUBBING, AS PER PLAN	1	LUMP		
2	202	PAVEMENT REMOVED (CONCRETE)	309	SQ YD		
3	202	WALK REMOVED	218	SQ FT		
4	202	CURB REMOVED	115	FT		
5	202	CURB AND GUTTER REMOVED	186	FT		
6	202	PIPE REMOVED, 24" AND UNDER	417	FT		
7	202	SPECIAL - PARKING BLOCK REMOVED	1	EACH		
8	202	CATCH BASIN REMOVED	20	EACH		
9	202	<del>UNDERGROUND STORAGE TANK-REMOVED</del>	4	EACH		
10	202	REMOVAL MISC.: FOUNDATION REMOVED	2	EACH		
11	203	EXCAVATION, AS PER PLAN	890	CU YD		
12	203	EMBANKMENT	1379	CU YD		
13	204	SUBGRADE COMPACTION	2255	SQ YD		
14	608	4" CONCRETE WALK	12450	SQ FT		
15	608	CURB RAMP	921	SQ FT		
16	623	MONUMENT ASSEMBLY, TYPE C	3	EACH		
17	623	MONUMENT BOX ADJUSTED TO GRADE	1	EACH		
18	623	RIGHT-OF-WAY MONUMENT, TYPE B	2	EACH		
SHEET TOTAL						

**PROPOSAL**

2 OF 10

GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	UNIT COST (C)	TOTAL COST (D=AxC)
<b>ROADWAY (CONT.)</b>						
19	653	TOPSOIL FURNISHED AND PLACED, AS PER PLAN	481	CU YD		
20	661	EVERGREEN SHRUB, 6' HEIGHT	13	EACH		
21	690	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE	12	EACH		
22	690	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL	68	TON		
23	878	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	1	LUMP		
<b>EROSION CONTROL</b>						
24	659	SEEDING AND MULCHING, AS PER PLAN	4330	SQ YD		
25	659	REPAIR SEEDING AND MULCHING	217	SQ YD		
26	659	INTER-SEEDING	217	SQ YD		
27	659	COMMERCIAL FERTILIZER	0.6	TON		
28	659	LIME	0.89	ACRE		
29	659	WATER	24	M GAL		
30	832	STORM WATER POLLUTION PREVENTION PLAN	1	LUMP		
31	832	STORM WATER POLLUTION PREVENTION INSPECTIONS	1	LUMP		
32	832	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	1	LUMP		
33	832	EROSION CONTROL	25000	EACH	\$1.00	\$25,000.00
34	836	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1	25	SQ YD		
<b>SHEET TOTAL</b>						

**PROPOSAL**

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GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	UNIT COST (C)	TOTAL COST (D=AxC)
<b>DRAINAGE</b>						
35	605	6" BASE PIPE UNDERDRAINS	1861	FT		
36	611	4" CONDUIT, TYPE E	60	FT		
37	611	6" CONDUIT, TYPE B	5	FT		
38	611	6" CONDUIT, TYPE B, FOR DRAINAGE CONNECTION	100	FT		
39	611	6" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION	100	FT		
40	611	6" CONDUIT, TYPE F, FOR DRAINAGE CONNECTION	100	FT		
41	611	6" CONDUIT, TYPE F, FOR UNDERDRAIN OUTLETS	123	FT		
42	611	CATCH BASIN, NO. 6, AS PER PLAN	2	EACH		
43	611	CATCH BASIN, NO. 2-2B	16	EACH		
44	611	CATCH BASIN, NO. 2-2C	1	EACH		
45	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	2	EACH		
46	611	CATCH BASIN, MISC.: CB-1	5	EACH		
47	611	CATCH BASIN, MISC.: CB-1, MODIFIED	2	EACH		
48	611	CATCH BASIN, MISC.: CB-2, AS PER PLAN	1	EACH		
49	611	MANHOLE, NO. 3	7	EACH		
50	611	MANHOLE, NO. 3, AS PER PLAN	1	EACH		
51	895	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1, AS PER PLAN	1	EACH		
<b>SHEET TOTAL</b>						

**PROPOSAL**

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GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	UNIT COST (C)	TOTAL COST (D=AxC)
<b>PAVEMENT</b>						
52	254	PAVEMENT PLANING, ASPHALT CONCRETE	5381	SQ YD		
53	304	AGGREGATE BASE	442	CU YD		
54	305	CONCRETE BASE, MISC.: 6.5" CONCRETE BASE, CLASS QC 1P	703	SQ YD		
55	407	NON-TRACKING TACK COAT	503	GALLON		
56	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	15	CU YD		
57	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS)	3	CU YD		
58	442	ASPHALT CONCRETE SURFACE COURSE, 12 MM, TYPE A (449)	227	CU YD		
59	442	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (449)	35	CU YD		
60	452	6" NON-REINFORCED CONTRETE PAVEMENT, CLASS QC MS	527	SQ YD		
61	452	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	57	SQ YD		
62	609	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN	2344	FT		
63	609	CURB, TYPE 6	30	FT		
<b>WATER WORK</b>						
64	638	1" COPPER SERVICE BRANCH	69	FT		
65	638	FIRE HYDRANT REMOVED AND RESET, AS PER PLAN	1	EACH		
66	638	VALVE BOX ADJUSTED TO GRADE	6	EACH		
67	638	METER AND CHAMBER REMOVED AND RESET	10	EACH		
68	638	SERVICE VALVE BOX	10	EACH		
<b>SHEET TOTAL</b>						

**PROPOSAL**

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GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	UNIT COST (C)	TOTAL COST (D=AxC)
<b>SANITARY SEWER</b>						
69	611	6" CONDUIT, TYPE B, FOR SANITARY CONNECTION	100	FT		
70	611	6" CONDUIT, TYPE C, FOR SANITARY CONNECTION	100	FT		
71	611	MANHOLE ADJUSTED TO GRADE	6	EACH		
<b>LIGHTING</b>						
72	625	LIGHTING, MISC.: LAMP POST REMOVED AND DISPOSED	2	EACH		
<b>TRAFFIC CONTROL</b>						
73	621	RPM	60	EACH		
74	621	RAISED PAVEMENT MARKER REMOVED	25	EACH		
75	630	GROUND MOUNTED SIGN SUPPORT, NO. 3 POST	40.5	FT		
76	630	STREET NAME SIGN SUPPORT, NO. 3 POST	28	FT		
77	630	SIGN POST REFLECTOR	2	EACH		
78	630	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	2	EACH		
79	630	SIGN, FLAT SHEET	27	SQ FT		
80	630	SIGN, DOUBLE FACED, STREET NAME	2	EACH		
81	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	6	EACH		
82	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	2	EACH		
<b>SHEET TOTAL</b>						

**PROPOSAL**

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GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	UNIT COST (C)	TOTAL COST (D=AxC)
<b>TRAFFIC CONTROL (CONT.)</b>						
83	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	6	EACH		
84	644	EDGE LINE, 4"	0.09	MILE		
85	644	CENTER LINE	0.35	MILE		
86	644	CHANNELIZING LINE, 8"	242	FT		
87	644	STOP LINE	53	FT		
88	644	CROSSWALK LINE, 24", AS PER PLAN	289	FT		
89	644	TRANSVERSE/DIAGONAL LINE	57	FT		
90	644	LANE ARROW	11	EACH		
91	644	REMOVAL OF PAVEMENT MARKING	69	FT		
<b>TRAFFIC SIGNALS</b>						
92	630	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	2	EACH		
93	630	SIGN, FLAT SHEET	4.5	SQ FT		
94	632	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	6	EACH		
95	632	CONDUIT, 2", 725.04	60	FT		
96	632	PEDESTRIAN PUSHBUTTON, AS PER PLAN	6	EACH		
97	632	TRENCH	60	FT		
98	632	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	1080	FT		
99	632	PEDESTAL FOUNDATION	3	EACH		
<b>SHEET TOTAL</b>						



**PROPOSAL**

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GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	UNIT COST (C)	TOTAL COST (D=AxC)
<b>TRAFFIC SIGNALS (CONT.)</b>						
100	632	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG	1080	FT		
101	632	PEDESTAL, 5', TRANSFORMER BASE, AS PER PLAN	2	EACH		
102	632	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN	1	EACH		
103	632	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: REMOVAL OF EXISTING PEDESTRIAN SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, AND STORAGE, AS PER PLAN	1	EACH		
104	633	CONTROLLER ITEM, MISC.: ADD PEDESTRIAN PHASES	1	EACH		
104A	625	GROUND ROD	3	EACH		
<b>MAINTENANCE OF TRAFFIC</b>						
105	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	60	HOUR		
106	616	WATER	10	M GAL		
<b>INCIDENTALS</b>						
107	614	MAINTENANCE OF TRAFFIC	1	LUMP		
108	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LUMP		
109	624	MOBILIZATION	1	LUMP		
<b>SHEET TOTAL</b>						

**PROPOSAL**

GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

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<b>SHEET 1 TOTAL</b>	
<b>SHEET 2 TOTAL</b>	
<b>SHEET 3 TOTAL</b>	
<b>SHEET 4 TOTAL</b>	
<b>SHEET 5 TOTAL</b>	
<b>SHEET 6 TOTAL</b>	
<b>SHEET 7 TOTAL</b>	
<b>BASE PROJECT TOTAL</b>	

**PROPOSAL**

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GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	UNIT COST (C)	TOTAL COST (D=AxC)
<b>ADD ALTERNATE A</b>						
	611	12" CONDUIT, TYPE B	600	FT		
	611	15" CONDUIT, TYPE B	39	FT		
	611	18" CONDUIT, TYPE B	30	FT		
	611	24" CONDUIT, TYPE B	15	FT		
<b>SHEET TOTAL</b>						

**PROPOSAL**

GRE-CR40-1.04 (KEMP ROAD SIDEWALKS PROJECT) PID #110374

REF. NO.	ITEM	DESCRIPTION	EST QUANTITY (A)	UNIT (B)	UNIT COST (C)	TOTAL COST (D=AxC)
ADD ALTERNATE B						
	611	12" CONDUIT, TYPE B, 706.02	600	FT		
	611	15" CONDUIT, TYPE B, 706.02	39	FT		
	611	18" CONDUIT, TYPE B, 706.02	30	FT		
	611	24" CONDUIT, TYPE B, 706.02	15	FT		
SHEET TOTAL						

UNRECORDED STORM WATER DRAINAGE

FURNISH A CONTINUANCE FOR ALL UNRECORDED STORM WATER DRAINAGE, SUCH AS ROOF DRAINS, FOOTER DRAINS, OR YARD DRAINS, DISTURBED BY THE WORK. FURNISH EITHER AN OPEN CONTINUANCE OR AN UNOBSTRUCTED CONTINUANCE BY CONNECTING A CONDUIT INTO A DRAINAGE STRUCTURE. THE LOCATION, TYPE, SIZE AND GRADE OF THE NEEDED CONDUIT TO REPLACE OR EXTEND AN EXISTING DRAIN WILL BE DETERMINED BY THE ENGINEER. ALL SUCH CONTINUANCE REQUIRE A RIGHT OF WAY PERMIT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE WORK NOTED ABOVE:

ITEM 611 – 6" CONDUIT, TYPE B, FOR DRAINAGE CONNECTION	100 FT.
ITEM 611 – 6" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION	100 FT.
ITEM 611 – 6" CONDUIT, TYPE F, FOR DRAINAGE CONNECTION	100 FT.

UNRECORDED ACTIVE SANITARY SEWER CONNECTIONS

FURNISH A CONTINUANCE FOR ALL UNRECORDED ACTIVE SANITARY SEWER CONNECTIONS SUCH AS SANITARY, WASTEWATER, CURTAIN/GRADIENT DRAINS, AND FOUNDATION FLOOR DRAINS DISTURBED BY THE WORK. FURNISH AN UNOBSTRUCTED CONTINUANCE OF THE UNRECORDED ACTIVE SANITARY SEWER CONNECTIONS TO THE SATISFACTION OF THE ENGINEER. ALL SUCH CONTINUANCE REQUIRES A RIGHT-OF-WAY USE PERMIT. ALL SANITARY AND SANITARY WASTEWATER CONTINUANCE MAY ALSO REQUIRE A NPDES PERMIT FROM THE OHIO ENVIRONMENTAL PROTECTION AGENCY. REPORT ALL CONTINUANCE TO THE LOCAL HEALTH DEPARTMENT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE WORK NOTED ABOVE:

ITEM 611 – 6" CONDUIT, TYPE B, FOR SANITARY CONNECTION	100 FT.
ITEM 611 – 6" CONDUIT, TYPE C, FOR SANITARY CONNECTION	100 FT.

ITEM 623 – CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ODOT C&MS ITEM 623, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REESTABLISH AND VERIFY ALL HORIZONTAL SURVEY CONTROL POINTS AND BENCHMARKS.

ITEM 625 – LIGHTING, MISC.: LAMP POST REMOVED AND DISPOSED

IN ADDITION TO THE REQUIREMENTS OF ITEM 625, THIS ITEM SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO REMOVE AN EXISTING LAMP POST INCLUDING ANY DISCONNECTING AND ABANDONING OF EXISTING CIRCUIT REQUIRED. ALL COST TO PERFORM THE ABOVE NOTED WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 625 – LIGHTING, MISC.: LAMP POST REMOVED AND DISPOSED.

WATER WORK

- ALL WORK ON WATER MAINS AND FIRE HYDRANTS SHALL BE COORDINATED DIRECTLY WITH THE GREENE COUNTY SANITARY ENGINEERING DEPARTMENT. WORK SHALL BE CONDUCTED IN ACCORDANCE WITH GREENE COUNTY SANITARY ENGINEERING DEPARTMENT RULES, REGULATIONS, GUIDELINES, AND STANDARDS.
- FIRE HYDRANT RELOCATIONS SHALL COMPLY WITH GREENE COUNTY SANITARY ENGINEERING STANDARDS. ANCHOR PIPE IS REQUIRED BETWEEN THE VALVES AND FIRE HYDRANTS. RELOCATION SHALL INCLUDE REMOVAL OF EXISTING VALVE BOX, NEW TAPPING SLEEVE, VALVE AND VALVE BOX, ANCHOR PIPE, BLOCKING AND ALL OTHER MATERIALS AND LABOR NECESSARY TO RESET THE HYDRANT IN THE NEW LOCATION.
- JOINT RESTRAINTS SHALL BE UTILIZED AS REQUIRED BY GREENE COUNTY SANITARY ENGINEERING STANDARDS. COST TO BE INCLUDED IN THE PAY ITEM(S) OF THE PERTINENT ITEM(S).
- ADDITIONAL LENGTHS OF PIPE REQUIRED TO RELOCATE THE HYDRANTS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR HYDRANT REMOVED AND RESET, AS PER PLAN. THE HYDRANT BARREL SHALL BE SET SO THAT THE OUTER END OF THE STREAMER NOZZLE CAP SHALL BE FROM EIGHTEEN INCHES (18") TO THIRTY INCHES (30") BEHIND THE FACE OF CURB. PAYMENT UNDER THIS ITEM SHALL INCLUDE ALL WORK NECESSARY TO RELOCATE THE HYDRANT, INCLUDING BUT NOT LIMITED TO REMOVAL, EXCAVATION, BACKFILL, PIPE, VALVE WORK, DISCONNECTION AND RECONNECTION, ASSEMBLY, LABOR MATERIALS, EQUIPMENT, TOOLS, AND INCIDENTALS.
- METER CHAMBER REMOVED AND RESET SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE WORK, INCLUDING BUT NOT LIMITED TO REMOVING AND RESETING EXISTING CHAMBER, RECONNECTING SERVICE, PIPE, FITTINGS, EXCAVATION, BACKFILL, TOOLS, EQUIPMENT, LABOR, AND INCIDENTALS.

ITEM 653 – TOPSOIL FURNISHED AND PLACED, AS PER PLAN

THIS ITEM SHALL BE PLACED AT A THICKNESS OF FOUR (4) INCHES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER, IN AREAS WHERE MAINTAINED LAWNS EXIST. TOPSOIL PROVIDED UNDER THIS ITEM SHALL BE SHREDDED AND PROCESSED, AND AFTER FINAL RAKING THE MAXIMUM SIZE SHALL BE 1/2". NO PAYMENT WILL BE MADE FOR ANY TOPSOIL OR SEEDING PLACED ON UNAPPROVED AREAS OR IS FOUND TO NOT MEET THIS SPECIFICATION.

ITEM 659 – SEEDING AND MULCHING, AS PER PLAN

THIS ITEM SHALL BE PLACED AS DIRECTED BY THE CMS WITH THE EXCEPTION THAT THE SEEDING AND MULCHING SHALL BE PLACED BY MEANS OF HYDRO-SEEDING. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER A MIXTURE TO BE USED INCLUDING ALL SEED VARIETIES, TYPE AND AMOUNT OF FERTILIZER TO BE USED AND MULCHING MATERIAL STATING THE APPROPRIATE PROPORTIONS OF EACH ITEM. AFTER PLACEMENT OF MATERIAL, THE CONTRACTOR SHALL SUBMIT A CERTIFICATION INDICATING THE ACTUAL AMOUNTS OF MATERIALS USED. NO ADDITIONAL PAYMENTS WILL BE CONSIDERED FOR THIS DOCUMENTATION. PAYMENT FOR ALL NECESSARY FERTILIZER, WATER AND HYDRO-MULCH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

ITEM 653 – TOPSOIL FURNISHED AND PLACED, AS PER PLAN	481 CU.YD.
ITEM 659 – SEEDING AND MULCHING, AS PER PLAN	4330 SQ.YD.
ITEM 659 – REPAIR SEEDING AND MULCHING	217 SQ.YD.
ITEM 659 – INTER-SEEDING	217 SQ.YD.
ITEM 659 – COMMERCIAL FERTILIZER	0.60 TONS
ITEM 659 – LIME	0.89 ACRES
ITEM 659 – WATER	24 M. GAL.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

ITEM 690 – SPECIAL – MAILBOX SUPPORT

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4" BY 4" SQUARE OR 4-1/2" DIAMETER ROUND, AND SHALL CONFORM TO 710.14. STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2" I.D. AND SHALL CONFORM TO AASHTO M 181.

ALL HARDWARE, INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POST SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE. SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND SHALL PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS/HER PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT FOR THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL – MAILBOX SUPPORT SYSTEM, (SINGLE) (DOUBLE).

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE WORK NOTED ABOVE:

ITEM 690 – SPECIAL – MAILBOX SUPPORT SYSTEM, SINGLE	12 EACH
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POST CONSTRUCTION STORM WATER TREATMENT

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

MANUFACTURED WATER QUALITY STRUCTURE, AS PER PLAN

THIS PLAN UTILIZES MANUFACTURED WATER QUALITY STRUCTURES FOR WATER QUALITY TREATMENT. AREAS HAVE BEEN SHOWN IN THE PLANS FOR PLACEMENT OF AN IN-LINE SYSTEM. THIS DEVISE SHALL BE A CONTECH "CDS" INLINE SYSTEM OR AN ENGINEERED APPROVED EQUAL SYSTEM WITH THE CAPABILITIES TO INTERNALLY BYPASS A FLOW OF 2 CFS. THE STRUCTURE PROVIDED SHALL ACCOMMODATE A CITY STANDARD CB-1 FRAME AND GRATE AS SHOWN IN THE PLANS.

PAYMENT FOR THESE DEVICES SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR ITEM 895, MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1, AS PER PLAN.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 25 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION  
SOUTHWEST REGIONAL OFFICE  
OBSTRUCTION EVALUATION GROUP  
10101 HILLWOOD PARKWAY  
FORT WORTH, TX 76177  
FAX: (817) 222-5920  
HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION  
OFFICE OF AVIATION  
2829 WEST DUBLIN-GRANVILLE ROAD  
COLUMBUS, OHIO 43235  
OHIO.AIRPORT.PROTECTION@ODOT.OHIO.GOV

ENVIRONMENTAL COMMITMENTS

THE PROJECT IS LOCATED WITH THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. THE CONTRACTOR SHALL NOT REMOVE TREES UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THE CONTRACTOR SHALL DEMARCAT E CLEARING LIMITS IN THE FIELD TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

PROJECTS LOCATED OVER A SOLE SOURCE AQUIFER

THIS PROJECT IS LOCATED WITH THE GREATER MIAMI SOLE SOURCE AQUIFER AT GRE-CR-40 (KEMP ROAD) FROM SLM 1.04 TO SLM 1.26. USE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. DO NOT STORE FUELS, TOXIC/HAZARDOUS MATERIALS, AND CHEMICALS NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. MAINTAIN A SPILL KIT ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS OILS, OR CHEMICALS THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. REPORT ALL SPILLS OR EVENTS TO THE GREENE COUNTY SANITARY ENGINEER'S OFFICE AT (937) 562-7450. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS), CONTACT BEAVERCREEK TOWNSHIP FIRE DEPARTMENT STATION 62 AT (937) 426-1213 OR THE OHIO EPA'S SPILLS HOTLINE 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

PETROLEUM CONTAMINATED SOILS:

ENVIRONMENTAL STUDIES INDICATE PETROLEUM CONTAMINATED SOILS MAY BE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES ADJACENT TO THE FOLLOWING LOCATION(S):

- HALLS CORNER CARRY OUT - 3891 KEMP ROAD (SOUTH SIDE OF KEMP ROAD, STA. 110+65 TO STA. 112+00).

THE CONTRACTOR SHALL MANAGE SOILS EXCAVATED ADJACENT TO THIS PROPERTY ACCORDING TO THE FOLLOWING NOTES:

ALL MATERIAL EXCAVATED BY THE CONTRACTOR MAY BE STOCKPILED IN AN AREA PROVIDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE ENGINEER MAY PERMIT TEMPORARY STORAGE OF THE EXCAVATED MATERIAL IN A LINED AND COVERED ROLL-OFF BOX. THE ENGINEER MAY PERMIT TEMPORARY STORAGE OF THE EXCAVATED MATERIAL ON AN IMPERMEABLE MEMBRANE. THE MEMBRANE SHALL BE SURROUNDED BY BALES OF STRAW TO PREVENT THE SUSPECTED SOILS FROM COMING IN CONTACT WITH THE ORIGINAL SOILS. AN IMPERMEABLE MEMBRANE SHALL BE PLACED OVER THE STOCKPILE TO PREVENT CONTACT WITH PRECIPITATION AND/OR SURFACE RUN-OFF. THE ENGINEER MAY PERMIT THE CONTRACTOR TO DIRECT LOAD THE EXCAVATED CONTAMINATED MATERIAL INTO TRUCKS.

THIS MATERIAL SHALL BE PROPERLY TESTED, TRANSPORTED, AND DISPOSED OF IN A LICENSED (BY THE LOCAL HEALTH DEPARTMENT) AND PERMITTED (BY THE OHIO ENVIRONMENTAL PROTECTION AGENCY) SOLID WASTE FACILITY. IF REQUIRED BY THE SOLID WASTE FACILITY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING SAMPLING AND ANALYSIS OF THIS MATERIAL. OBTAIN ALL SIGNATURES ON THE MANIFEST FOR TRANSPORTING AND DISPOSAL OF THE MATERIAL AND PROVIDE A FINAL COPY TO THE ENGINEER.

THE CONTRACTOR SHALL FURNISH ALL THE LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PROPERLY HANDLE, STORE (IF NECESSARY), TEST FOR DISPOSAL, TRANSPORT, AND DISPOSE OF REGULATED MATERIALS, INCLUDING ANY REQUIRED PERMITS, APPROVALS, OR FEES WITHIN THE LIMITS IDENTIFIED ABOVE. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT PRICE BID PER TON. TONNAGE MAY BE ESTIMATED AT 1.5 TIMES THE TOTAL CUBIC YARDS. THE FOLLOWING ESTIMATED CONTINGENCY QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 690 – SPECIAL – WORK INVOLVING PETROLEUM CONTAMINATED SOIL	53 TONS
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UNDERGROUND STORAGE TANK REMOVAL:

THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN CARRIED TO THE GENERAL NOTES FOR USE AS DIRECTED BY THE ENGINEER SHOULD EXCAVATIONS ENCOUNTER AN UNDERGROUND STORAGE TANK:

ITEM 202 – UNDERGROUND STORAGE TANK REMOVED	1 EACH
ITEM 690 – SPECIAL – WORK INVOLVING PETROLEUM CONTAMINATED SOIL	15 TONS

NOTE: TONNAGE MAY BE ESTIMATED AT 1.5 TIMES THE TOTAL CUBIC YARDS.