

EROSION CONTROL

SEEDING AND MULCHING

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

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| ITEM 659 - SOIL ANALYSIS TEST | 2 EACH |
| ITEM 659 - TOPSOIL | 1680 CY |
| ITEM 659 - SEEDING AND MULCHING, CLASS 3B | 15135 SY |
| ITEM 659 - REPAIR SEEDING AND MULCHING | 757 SY |
| ITEM 659 - INTER-SEEDING | 757 SY |
| ITEM 659 - COMMERCIAL FERTILIZER | 2.11 TON |
| ITEM 659 - LIME | 3.13 ACRE |
| ITEM 659 - WATER | 84 M GAL |
| ITEM 659 - MOWING | 34 MSF |

APPLY SEEDING AND MULCHING 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.

WATER QUALITY

POST CONSTRUCTION STORM WATER TREATMENT

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

MANUFACTURED WATER QUALITY STRUCTURE

THIS PLAN UTILIZES A MANUFACTURED WATER QUALITY STRUCTURE FOR WATER QUALITY TREATMENT. AREAS ARE SHOWN IN THE PLANS FOR PLACEMENT OF AN OFF-LINE SYSTEM. PAYMENT FOR THIS DEVICE IS MADE AT THE CONTRACT UNIT PRICE FOR ITEM 895, MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2.

TRAFFIC SURVEILLANCE

MAINTAINING ITS DURING CONSTRUCTION

THE CONTRACTOR SHALL MAINTAIN ALL PREEXISTING OR NEWLY INSTALLED PERMANENT ITS/TRAFFIC DEVICES AND INFRASTRUCTURE DURING CONSTRUCTION ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809.

ITEM 625 - GROUND ROD, AS PER PLAN

THE CONTRACTOR SHALL INSTALL GROUND RODS PER STANDARD CONSTRUCTION DRAWING ITS-50.10. IN ADDITION, A GROUND ROD SHALL BE INSTALLED AT EACH ELECTRIC PULL BOX INSTALLED ON THIS PROJECT AND CONNECTED TO THE PULL BOX FRAME. AT EACH PULL BOX LOCATION, THE GROUND ROD SHALL ALSO BE TIED INTO THE DISTRIBUTION CABLE USED AS THE GROUND WIRE TO SERVICE THE CAMERA CABINET, IN ORDER TO PROVIDE A COMPLETE GROUNDING SYSTEM.

ITEM 632 - POWER SERVICE, AS PER PLAN

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS NECESSARY FOR A POWER SERVICE PER ODOT CONSTRUCTION AND MATERIAL SPECIFICATION SECTION 625.15.

THE POWER SERVICE SHALL BE POLE-MOUNTED WITH AERIAL POWER COMPANY FEED PER ODOT STANDARD CONSTRUCTION DRAWING ITS-15.10.

THE CCTV RELATED POWER SERVICES SHALL BE MARKED WITH "ITS". DISCONNECT SWITCHES SHALL BE FUSIBLE, RATED FOR 60 AMPS WITH NEMA 4X ENCLOSURE, AND SHALL BE FUSED AT 30 AMPS. THIS SERVICE SHALL PROVIDE 120 VOLTS.

THE CONTRACTOR SHALL COORDINATE WITH POWER COMPANY AND PROVIDE APPROPRIATE INSPECTIONS AND/OR SELF INSPECTION FORMS TO POWER COMPANY IN ORDER TO ENERGIZE SERVICE FOR LIGHTING AND ITS. SEE LIGHTING PLANS FOR ADDITIONAL INFORMATION.

ELECTRICAL NOTE

A MINIMUM OF 10 FEET SLACK CABLE SHALL BE COILED IN EACH ELECTRICAL PULL BOX. THE CABLE QUANTITIES ACCOUNT FOR THREE DISTRIBUTION CABLES (HOT, NEUTRAL, AND GROUND) FROM POWER SERVICE TO PULL BOX. THE COST TO SPLICE ELECTRICAL CABLES TO EXISTING ELECTRICAL CABLES SHALL BE INCIDENTAL TO THE COST OF DISTRIBUTION CABLE.

ITEM 804 - FIBER OPTIC CABLE, MISC.: CUT AND COIL

WHERE DETAILED IN THE PLANS, THE CONTRACTOR SHALL CUT AND COIL THE EXISTING FIBER OPTIC CABLE. THE CONTRACTOR SHALL LEAVE AS MUCH SLACK CABLE AVAILABLE AS POSSIBLE COILED IN THE PULL BOX. ALL REQUIREMENTS OF SUPPLEMENTAL SPECIFICATION 804 SHALL APPLY.

TRAFFIC SIGNALS

ITEM 632 - REMOVAL OF TRAFFIC SIGNAL INSTALLATION

TRAFFIC SIGNAL INSTALLATIONS, INCLUDING SIGNAL HEADS, CABLE, MESSENGER WIRE, STRAIN POLES, CABINET, CONTROLLER, ETC., SHALL BE REMOVED IN ACCORDANCE WITH C&MS 632.26 AND AS INDICATED ON THE PLANS. REMOVED ITEMS SHALL BE STORED ON SITE FOR DELIVERY TO ODOT IN ACCORDANCE WITH THE LISTINGS GIVEN HEREIN.

ALL SIGNALS COMPONENTS SHALL BE STORED FOR SALVAGE BY ODOT DISTRICT 9 WITH THE EXCEPTION OF THE CELLULAR MODEMS. MODEMS, ONE PER SIGNAL INSTALLATION, SHALL BE STORED FOR SALVAGE BY ODOT ITS LAB.

REMOVED ITEMS SHALL BE DELIVERED TO THE NEAREST ODOT FACILITY WHOSE ADDRESS IS LISTED BELOW:

ODOT DISTRICT 9
ATTN.: COREY COTTRELL (740-774-8828)
650 EASTERN AVENUE, P.O. BOX 467
CHILLICOTHE, OH 45601

ODOT ITS LAB
ATTN.: CHARLIE FISHER (614-644-0270)
1606 W. BROAD STREET
COLUMBUS, OH 43223

IN THE EVENT THE ITEMS STORED ON THE PROJECT FOR SALVAGE BY ODOT ARE NOT REMOVED, THE CONTRACTOR SHALL, WHEN DIRECTED BY THE ENGINEER IN WRITING, REMOVE AND DISPOSE OF THE ITEMS AT NO ADDITIONAL COST TO THE PROJECT.

THE FOLLOWING TRAFFIC SIGNAL INSTALLATIONS SHALL BE REMOVED AS PART OF THE PROJECT:

SR 93 AND RAMP D SIGNAL
SR 93 AND RAMP B SIGNAL

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 632 - REMOVAL OF TRAFFIC SIGNAL INSTALLATION 2 EACH

Incentive/Disincentive Contract Table

| Description or Location of Critical Work | Completion Date | Time Period | Disincentive \$ per time period | Incentive \$ per time period | Maximum Incentive \$ |
|--|-----------------|-------------|---------------------------------|------------------------------|----------------------|
| Full two way operation of both N and S roundabouts * | 10/15/2023 | Day | \$ 5,000 | 0 | 0 |

*The intent is to have all work completed for full functionality of both the North and South roundabouts "asphalt concrete intermediate course complete at a minimum", lighting installed "either temporary or permanent", positive drainage and all ramps to be open to traffic.

CITY OF IRONTON

FUTURE CITY LIGHTING

THE CONTRACTOR SHALL PROVIDE THE FOLLOWING ITEMS FOR FUTURE USE BY THE CITY OF IRONTON. THE INTENTION IS TO PLACE EMPTY PULL BOXES AND CONDUIT FOR THE FUTURE ADDITION OF ROUNDABOUT LANDSCAPE LIGHTING. IT HAS BEEN ASSUMED THAT A NEW FUTURE POWER DROP WILL BE REQUIRED NEAR THE PROPOSED POWER DROPS INCLUDED AS PART OF THIS PROJECT FOR CITY USE. PLAN LAYOUT REFLECTS THIS ASSUMPTION. PLAN LAYOUT ALSO REFLECTS A 5' MINIMUM OFFSET BETWEEN THE PROPOSED CITY PULL BOXES AND PROPOSED PROJECT BACK OF CURB AND/OR PROPOSED ROADWAY LIGHTING INFRASTRUCTURE. THE PLAN LAYOUT SHOULD BE CONSIDERED APPROXIMATE AND SHALL BE AS DIRECTED BY THE ENGINEER.

SOUTH ROUNDABOUT:
PULL BOX - STA. 35+54±, 22± RT
TRENCH, CONDUIT AND WARNING TAPE - 50 FT
PULL BOX - STA. 35+83±, 63± RT

NORTH ROUNDABOUT:
PULL BOX - STA. 40+76±, 57± RT
TRENCH, CONDUIT AND WARNING TAPE - 55 FT
PULL BOX - STA. 41+15±, 19± RT

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

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|---|--------|
| ITEM 625 - CONDUIT, 3" 725.04 | 105 FT |
| ITEM 625 - TRENCH IN PAVED AREA | 105 FT |
| ITEM 625 - PULL BOX, 725.08, 18" | 4 EACH |
| ITEM 625 - UNDERGROUND WARNING/MARKING TAPE | 105 FT |

