

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

BUCKEYE PARTNERS, LP
1020 BUCKEYE ROAD
LIMA, OH 45804
TROY ALLEN 419-230-6533

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

WORK REQUIREMENTS

THIS IS A DISTRICT GUARDRAIL PROJECT WITH WORK ON I.R. 75 IN ALLEN AND HANCOCK COUNTIES AND S.R. 15 AND U.S. 23 IN WYANDOT COUNTY.

WORK:
ITEMS OF WORK SHALL BE APPROVED BY THE PROJECT ENGINEER. THE INTENT OF THIS PROJECT IS TO REPLACE SUBSTANDARD, DAMAGED OR DETERIORATED GUARDRAIL ON IR-75 IN ALLEN AND HANCOCK COUNTIES AND ON SR-15 AND US-23 IN WYANDOT COUNTY. THE LOCATIONS AND ESTIMATED QUANTITIES ARE NOTED ON SHEETS 9-13.

THE CONTRACTOR SHALL NOT PERFORM ANY GUARDRAIL WORK UNTIL HE OR SHE RECEIVES THE AUTHORIZATION FROM THE PROJECT ENGINEER.

WITHIN FOURTEEN DAYS OF RECEIVING AUTHORIZATION FROM THE ENGINEER TO START WORK AT A DESIGNATED LOCATION, THE CONTRACTOR SHALL COMPLETE THE WORK, AS LONG AS THERE IS UNCOMPLETED WORK, THE CONTRACTOR SHALL CONTINUALLY PURSUE THE COMPLETION OF THE WORK OR BE SUBJECT TO TERMINATION OF THE CONTRACT. NO NEW WORK LOCATIONS SHALL BE INITIATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF WORK AT ANY GIVEN LOCATION, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

GUARDRAIL (GENERAL PROVISIONS)

ALL MATERIAL EXCAVATED FOR POST HOLES OR FOUNDATION TUBES SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH 202.02 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE AREA RESTORED TO A NEAT CONDITION SATISFACTORY TO THE ENGINEER. THE COST OF THIS WORK IS TO BE INCLUDED IN THE APPLICABLE GUARDRAIL BID ITEM. THE LOCATIONS OF THE GUARDRAIL LISTED IN THESE PLANS ARE SUBJECT TO ADJUSTMENTS TO ASSURE THAT THE PLANNED INSTALLATION WILL AFFORD MAXIMUM PROTECTION FOR TRAFFIC.

PROTECTION OF INCOMPLETE WORK

ANY HAZARD DURING NON-WORKING HOURS SHALL BE ADEQUATELY PROTECTED WITH DRUMS OR BARRIER, OR AS DIRECTED BY THE ENGINEER. FOR ANY SUCH WORK REQUIRED, IT SHALL BE CONSIDERED AS INCIDENTAL AND INCLUDED IN THE UNIT PRICE BID FOR THE APPROPRIATE REPAIR ITEMS.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

RESHAPING UNDER GUARDRAIL

THE CONTRACTOR SHALL RE-SHAPE THE SHOULDERS TO ENSURE A SMOOTH SURFACE FREE OF IRREGULARITIES AT LOCATIONS WHERE EXISTING GUARDRAIL IS REMOVED OR WHERE NEW GUARDRAIL IS TO BE ERECTED. THE REMOVAL AND DISPOSAL OF THE EXCESS EXCAVATION MATERIAL RESULTING FROM THIS OPERATION SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR AS DESCRIBED IN 209 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS. THE CONTRACTOR SHALL NOT PERFORM THIS WORK UNTIL ALL POST HOLES FROM THE EXISTING GUARDRAIL HAVE BEEN FILLED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE PER STATION FOR ITEM 209 RESHAPING UNDER GUARDRAIL.

**ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN
ITEM 606 - GUARDRAIL, BARRIER DESIGN, TYPE MGS, AS PER PLAN**

IN ADDITION TO THE REQUIREMENTS OF ITEM 606, THIS ITEM REQUIRES STEEL POSTS AND COMPOSITE OR POLYMER ALTERNATIVE BLOCKOUTS. THE BLOCKOUTS SHALL BE FROM THE APPROVED PRODUCTS LIST THAT IS MAINTAINED BY THE OFFICE OF ROADWAY ENGINEERING AND INSTALLED PER CONSTRUCTION AND MATERIALS SPECIFICATION 606 AND ALL PERTINENT STANDARD DRAWINGS AND PLAN INSERT SHEETS. ALL COSTS ASSOCIATED WITH PROVIDING AND INSTALLING STEEL POSTS AND APPROVED ALTERNATIVE MGS BLOCKOUTS SHALL BE INCLUDED IN THE UNIT BIDS FOR THE FOLLOWING ITEMS:

ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN
ITEM 606 - GUARDRAIL, BARRIER DESIGN, TYPE MGS, AS PER PLAN

ITEM 606 - GUARDRAIL, MISC.: 6" X 8" POST AND BLOCKOUT REPLACEMENT

THE CONTRACTOR SHALL REMOVE THE EXISTING DETERIORATED 6" X 8" POSTS AND BLOCKOUTS AND ANY CONCRETE ANCHORING SURROUNDING THE POST AND REPLACE WITH A NEW W6X15 STEEL POST AND NEW BLOCKOUT AND CONCRETE. THE STEEL POST SHALL BE SET IN 4" MINIMUM CONCRETE ENCASEMENT AT A MINIMUM DEPTH OF 3'-6". THE NEW BLOCKOUT SHALL REPLACE THE EXISTING IN KIND. THE CONTRACTOR SHALL ALSO PROVIDE NEW HARDWARE TO REATTACH THE GUARDRAIL TO THE NEW POST AND BLOCKOUT.

ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS REQUIRED TO COMPLETE THE POST AND BLOCKOUT REPLACEMENT PER THE ABOVE NOTE SHALL BE INCLUDED IN THE UNIT BID PER THE ABOVE NOTE SHALL BE INCLUDED IN THE UNIT BID PER EACH FOR ITEM 606 - GUARDRAIL MISC.: 6" X 8" POST AND BLOCKOUT REPLACEMENT.

ITEM 606 - GUARDRAIL, TYPE 5, AS PER PLAN

THIS ITEM REQUIRES STEEL POSTS AND ALTERNATIVE BLOCKOUTS WHEN PERMITTED BY THE DETAILS FOR THE BRIDGE TERMINAL ASSEMBLY.

TEMPORARY SEDIMENT AND EROSION CONTROL

THE FOLLOWING ITEM HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO PERFORM THIS ITEM OF WORK.

ITEM 832 - EROSION CONTROL = 1,000 EACH

ITEM 606 - GUARDRAIL, MISC.: GUARDRAIL PANEL

THIS ITEM INCLUDES REMOVAL AND DISPOSAL OF EXISTING GUARDRAIL PANELS PER C&MS 202 AND FURNISHING, ASSEMBLING, AND ERECTING NEW GUARDRAIL PANELS. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH C&MS 606. PROVIDE NEW BOLTS, WASHERS AND INCIDENTAL HARDWARE AS NECESSARY TO COMPLETE THE GUARDRAIL.

ALL MATERIALS, LABOR, EQUIPMENT & INCIDENTALS REQUIRED TO REMOVE AND DISPOSE OF THE EXISTING PANELS AND REQUIRED TO INSTALL THE GUARDRAIL PANEL PER C&MS 606 AND THE ABOVE NOTE SHALL BE INCLUDED IN THE UNIT BID PER FOOT FOR ITEM 606 GUARDRAIL MISC.: GUARDRAIL PANEL.

UTILITIES

THE NATURE OF THE WORK REQUIRED BY THIS PROJECT COULD AFFECT UNDERGROUND UTILITIES. THE ONLY UNDERGROUND UTILITY SHOWN ON THESE PLANS ARE THE OIL LINES NEAR THE NAPOLEON RD. OVERPASS. THIS IS THE ONLY KNOWN UNDERGROUND UTILITY, HOWEVER, IT IS POSSIBLE THERE ARE ADDITIONAL UNKNOWN UTILITIES PRESENT WITHIN THE WORK LOCATIONS OF THIS PROJECT. ALTHOUGH NO UNDERGROUND UTILITIES ARE SHOWN ON ALL BUT ONE LOCATION IN THE PLANS, THE CONTRACTOR SHALL ASSUME THE PRESENCE OF UTILITIES AND FOLLOW SECTIONS 105.07 AND 107.16 OF THE C&MS. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITY PROTECTION SERVICE (OUPS) AND ALL NON-REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS SO THAT THE COMPANIES CAN LOCATE AND MARK THE LOCATION OF THEIR FACILITIES BEFORE ANY EXCAVATION OR POST DRIVING BEGINS. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS WITH UNDERGROUND WATERLINES, GAS LINES, DRAINS, CABLES, SEWERS OR OTHER UTILITIES.

DRAINAGE STRUCTURES AND PIPES

THE CONTRACTOR SHALL LOCATE AND AVOID ALL UNDERGROUND DRAINAGE STRUCTURES AND PIPES NOT ASSOCIATED WITH A PARTICULAR UTILITY COMPANY. IF ANY CONFLICTS OCCUR THE ENGINEER SHALL DETERMINE WHETHER THE POSITION OF THE GUARDRAIL CAN BE ADJUSTED TO AVOID THE STRUCTURE OR PIPE. IN SOME CASES THE USE OF LONG POSTS MAY HAVE TO BE SUSPENDED OVER THE PIPES AND STRUCTURES. PER STANDARD CONSTRUCTION DRAWING MGS-1.1, DO NOT DRIVE POSTS WHEN THERE IS LESS THAN 4'-3" OF COVER.

**ITEM 202 - GUARDRAIL REMOVED, AS PER PLAN
ITEM 202 - GUARDRAIL REMOVED, BARRIER DESIGN, AS PER PLAN**

IN ADDITION TO THE REQUIREMENTS OF 202, THIS ITEM INCLUDES THE REMOVAL OF ANY ANCHOR ASSEMBLIES, BRIDGE TERMINAL ASSEMBLIES, AND ANY CONCRETE ENCASED POSTS. THE CONCRETE AND ALL GUARDRAIL COMPONENTS SHALL BE DISPOSED OF IN ACCORDANCE WITH C&MS 202.

ALL HOLES REMAINING AFTER THE REMOVAL OF GUARDRAIL POSTS AND THE REMOVAL OF ANY CONCRETE ENCASED POSTS SHALL BE FILLED IN ACCORDANCE WITH 202.02 OF THE C&MS. FILL MATERIAL CONTAINING SOD SHALL NOT BE USED. FILL MATERIAL MUST MEET THE SPECIFICATIONS OF C&MS 703.11 AND MUST MEET THE APPROVAL OF THE ENGINEER PRIOR TO ITS USE. ALL HOLES SHALL BE FILLED AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO THE CONTRACTOR PERFORMING THE RESHAPING UNDER GUARDRAIL WORK. PAYMENT FOR THE ABOVE SHALL BE INCLUDED WITH THE UNIT PRICE FOR ITEM 202, GUARDRAIL REMOVED, AS PER PLAN AND ITEM 202, GUARDRAIL REMOVED, BARRIER DESIGN, AS PER PLAN.

ITEM 606 - REPLACE EXISTING GUARDRAIL BLOCKOUT, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 606, THIS ITEM REQUIRES COMPOSITE OR POLYMER ALTERNATIVE BLOCKOUTS. THE BLOCKOUTS SHALL BE FROM THE APPROVED PRODUCTS LIST THAT IS MAINTAINED BY THE OFFICE OF ROADWAY ENGINEERING AND INSTALLED PER CONSTRUCTION AND MATERIALS SPECIFICATION 606 AND ALL PERTINENT STANDARD DRAWINGS AND PLAN INSERT SHEETS. ALL COSTS ASSOCIATED WITH PROVIDING AND INSTALLING APPROVED ALTERNATIVE BLOCKOUTS SHALL BE INCLUDED IN THE UNIT BIDS FOR ITEM 606 - REPLACE EXISTING GUARDRAIL BLOCKOUT, AS PER PLAN.

ITEM 606 - MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 606 AND STANDARD CONSTRUCTION DRAWING MGS-3.1, THIS ITEM REQUIRES THE USE OF STEEL POSTS. ALL COSTS ASSOCIATED WITH PROVIDING AND INSTALLING STEEL POSTS SHALL BE INCLUDED IN THE UNIT BID FOR ITEM 606, MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN

ITEM 606 - BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 606 AND PLAN INSERT SHEET GR-3.1 (SHEET 37), THIS ITEM REQUIRES THE USE OF STEEL POSTS. ALL COSTS ASSOCIATED WITH PROVIDING AND INSTALLING STEEL POSTS SHALL BE INCLUDED IN THE UNIT BID FOR ITEM 606, BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN

ITEM 606 - BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 606 AND PLAN INSERT SHEET GR-3.4 (SHEET 38), THIS ITEM REQUIRES THE USE OF STEEL POSTS AND APPROVED ALTERNATIVE BLOCKOUTS (IF AVAILABLE). THE BLOCKOUTS SHALL BE FROM THE APPROVED PRODUCTS LIST THAT IS MAINTAINED BY THE OFFICE OF ROADWAY ENGINEERING. ALL COSTS ASSOCIATED WITH PROVIDING AND INSTALLING STEEL POSTS AND APPROVED ALTERNATIVE BLOCKOUTS SHALL BE INCLUDED IN THE UNIT BID FOR ITEM 606, BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN.



ITEM 202 - REMOVAL MISC.: CABLE BARRIER, ANCHOR POST

THIS ITEM INCLUDES THE REMOVAL AND DISPOSAL OF AN EXISTING GIBRALTAR 4 CABLE RELEASE POST, 4 CABLE ANCHOR POST, AND 24" DIAMETER X 10'-0" DEEP REINFORCED FOUNDATION, AND ANY NECESSARY BACKFILL IN ACCORDANCE WITH THE REQUIREMENTS OF C&MS 202. CARE SHALL BE EXERCISED TO PREVENT DAMAGE TO THE EXISTING CABLE RAIL SYSTEM (E.G. ANCHOR TERMINAL FITTINGS, POSTS, CABLES) THAT ARE TO REMAIN. THE CONTRACTOR SHALL REPLACE ANY CABLE RAIL COMPONENTS DAMAGED DURING REMOVAL AS DETERMINED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE STATE. FOR ADDITIONAL DETAILS, SEE THE GIBRALTAR SHOP DRAWINGS UNDER THE HIGH-TENSION CABLE MEDIAN BARRIERS SECTION OF THE APPROVED PRODUCTS LIST ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE.

BEFORE DISPOSING OF THE EXISTING REINFORCED FOUNDATION, THE CONTRACTOR SHALL ALLOW ODOT CONSTRUCTION PERSONNEL TIME TO VERIFY THE DEPTH AND CONDITION OF THE EXISTING REINFORCED FOUNDATION.

ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID PER EACH FOR ITEM 202 - REMOVAL MISC.: CABLE BARRIER, ANCHOR POST.

ITEM 202 - REMOVAL MISC.: CABLE BARRIER, ANCHOR POST = 2 EACH

THE ABOVE QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT THE FOLLOWING LOCATIONS: ALL-75-9.93 AND ALL-75-17.12. THESE LOCATIONS ARE ALSO IDENTIFIED ON THE LOCATION MAP ON SHEET 2.

ITEM 606 - SPECIAL - CABLE BARRIER, ANCHOR POST

THIS ITEM INCLUDES FURNISHING AND INSTALLING A GIBRALTAR 4 CABLE RELEASE POST, 4 CABLE ANCHOR POST, AND 24" DIAMETER X 10'-0" DEEP REINFORCED FOUNDATION PER THE GIBRALTAR SHOP DRAWINGS. THE WORK INCLUDES ANY NECESSARY AUGERING. THE SHOP DRAWINGS CAN BE FOUND UNDER THE HIGH-TENSION CABLE MEDIAN BARRIERS SECTION OF THE APPROVED PRODUCTS LIST ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE.

INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

CARE SHALL BE EXERCISED TO PREVENT DAMAGE TO THE EXISTING CABLE RAIL SYSTEM (E.G. ANCHOR TERMINAL FITTINGS, POSTS, CABLES) THAT ARE TO REMAIN. THE CONTRACTOR SHALL REPLACE ANY CABLE RAIL COMPONENTS DAMAGED DURING INSTALLATION AS DETERMINED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE STATE.

THE CONTRACTOR SHALL PROVIDE AND INSTALL DELINEATORS ON THE ANCHOR TERMINAL.

THE CONTRACTOR SHALL COMPLETE THE WORK DESCRIBED ABOVE BY OCTOBER 15, 2023. THIS SHALL BE CONSIDERED AN INTERIM COMPLETION DATE. IF THE WORK IS NOT COMPLETED BY THIS INTERIM COMPLETION, LIQUIDATED DAMAGES SHALL BE ASSESSED.

ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID PER EACH FOR ITEM 606 - SPECIAL - CABLE BARRIER, ANCHOR POST.

ITEM 606 - SPECIAL - CABLE BARRIER, ANCHOR POST = 2 EACH

THE ABOVE QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT THE FOLLOWING LOCATIONS: ALL-75-9.93 AND ALL-75-17.12. THESE LOCATIONS ARE ALSO IDENTIFIED ON THE LOCATION MAP ON SHEET 2.

ITEM 690 - SPECIAL - MISC.: NO MOW STRIP

THE CONTRACTOR SHALL INSTALL A 4 FOOT WIDE BY 4 INCH DEPTH NO MOW STRIP WITH MATERIALS CONFORMING TO ITEM 608 - CONCRETE WALK.

THE NO MOW STRIP SHALL BE PLACED ON COMPACTED EARTH AND CONSTRUCTED USING CLASS C CONCRETE WITH A CURING COMPOUND MEETING THE SPECIFICATIONS OF 705.07 OF THE CMS. THE NO MOW STRIP SHALL BE INTEGRAL TO THE SOCKETED CONCRETE FOUNDATION.

THE NO MOW STRIP SHALL HAVE A TRANSVERSE JOINT EVERY EIGHT FEET AND AN EXPANSION JOINT EVERY 100 FEET. THE JOINTS AND MATERIALS TO CONSTRUCT THE JOINTS SHALL CONFORM TO 608.03 (C) OF THE CMS.

WHEN THIS ITEM IS USED FOR REPAIRS TO AN EXISTING NO MOW STRIP, THIS ITEMS SHALL INCLUDE REMOVAL AND DISPOSAL OF THE EXISTING NO MOW STRIP IN ACCORDANCE WITH THE REQUIREMENTS OF C&MS 202. IF REMOVING ONLY A PORTION OF AN EXISTING NO MOW STRIP, SAW OR OTHERWISE CUT A NEAT JOINT AT THE REMOVAL LIMIT. REMOVAL LIMITS SHALL BE AGREED TO AND APPROVED BY THE ENGINEER.

MATERIAL FROM THE EXCAVATION OF THE NO MOW STRIP AND THE SOCKETED CONCRETE FOUNDATION SHALL BE REMOVED AND DISPOSED OF AS PER SECTION 203 OF THE CMS (AND SECTIONS 105.16 & 105.17). IF ANY EXCAVATED MATERIAL IS USED ADJACENT TO THE NO MOW STRIP PER THE DIRECTION OF THE PROJECT ENGINEER, THE AREA SHALL BE SEEDED AND MULCHED TO THE SPECIFICATIONS OF CMS 659.

ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID PER SQUARE YARD FOR ITEM 690 - SPECIAL - MISC.: NO MOW STRIP.

ITEM 690 - SPECIAL - MISC.: NO MOW STRIP = 8 SY

THE ABOVE QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO REPAIR THE EXISTING NO MOW STRIP DAMAGED DURING REMOVAL OF THE EXISTING ANCHOR POST FOUNDATIONS.

ITEM 606 - SPECIAL - CABLE BARRIER, TENSIONING

THIS ITEM SHALL CONSIST OF TENSIONING THE CABLE SYSTEM AFTER THE END ANCHOR POST IS RECONSTRUCTED. THE SYSTEM SHALL BE TENSIONED PER GIBRALTAR SPECIFICATIONS. THE PAY ITEM SHALL INCLUDE THE TENSIONING OF ALL THE CABLES, INCLUDE THE ENTIRE LENGTH OF THE RAIL SYSTEM, AND NOT BE BID FOR EACH INDIVIDUAL CABLE.

ALL LABOR, EQUIPMENT, TOOLS, MATERIALS, AND INCIDENTALS NECESSARY TO CERTIFY A PROPER TENSION SHALL BE INCLUDED IN THE UNIT PRICE BID PER EACH FOR ITEM 606 - SPECIAL - CABLE BARRIER, TENSIONING.

ITEM 606 - SPECIAL - CABLE BARRIER, TENSIONING = 2 EACH

THE ABOVE QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO TENSION THE CABLE SYSTEMS THAT HAVE THE ANCHOR POST REPLACED.

DESIGN AGENCY



DESIGNER

MJM

REVIEWER

TAB 4-3-23

PROJECT ID

103436

SHEET TOTAL

P.6A 44