

Estimated Quantities

Instructions

The requested information on this form is necessary the creation of the official Engineer's Estimate. If any of the following items are listed as "Lump Sum" in the construction plans, specific quantities must be provided. This form is for Consultant use only. Districts shall input this information into the ODOT Plan Package Submittal SharePoint site.

CRS	PID
FRA-270-43.18	112798

Item 201 - Tree and Stump Removals (*List by Size*):

None

Item 202 - Structure(s)/Portions of Structure(s) Removed (*List Structures & Associated Quantities*):

See Appendix A.

Item 502 - Structure(s) for Maintaining Traffic (*List Structures & Associated Quantities*):

None

Item 503 - Unclassified Excavation (*Cubic Yards*):

See Appendix B.

Item 509 - Reinforcing Steel (List Structure(s), Item (*i.e., Wall, Deck, Parapet*), & Pounds of Steel):

None provided as Lump Sum.

Item 513 - Structural Steel (List Structure(s), Item (*i.e., Wall, Deck, Parapet*), & Pounds of Steel):

None provided as Lump Sum.

Item 514 - Steel Surfaces to be Painted (*List Structures & Square Footage of Steel*):

See Appendix C.

Item 518 - Porous Backfill (*Cubic Yards*):

None provided as Lump Sum.

Item 615 - Roads and Pavement for Maintaining Traffic (*Earthwork & Pavement Cubic Yards*):

None

Miscellaneous Items:

None



E.L. ROBINSON
ENGINEERING

Computation for: **ESTIMATED QUANTITIES (FORMERLY LD-4)**
APPENDICES A-C

Project: **FRA-270-43.18**

PID: **112798**

Design: **GLA** Date **October 10, 2023**

Check: **TAS** Date **October 22, 2023**

Update: _____ Date _____

Recheck: _____ Date _____

File Names

Comments



DESIGN: GLA DATE: 10/10/23 UPDATE: _____ DATE: _____
CHECK: TAS DATE: 10/22/23 RECHECK: _____ DATE: _____
STRUCTURE: FRA-270-43.18 SFN: _____ PID: 112798

ITEM: ITEM 202 PAY UNIT: VARIES
SUBJECT: PORTIONS OF STRUCTURES REMOVED

DESCRIPTION: APPENDIX A
SUPPLEMENTAL DESCRIPTION: _____

Item 202 - Structures(s)/Portions of Structure(s) Removed (*List Structures & Associated Quantities*) :

FRA-270-43.180 R&B OVER NORFOLK SOUTHERN RR

SFN 2514559 - Substructure Conc. - 8 cy, & Railing Conc. = 56 cy
SFN 2514524 - Substructure Conc. - 10 cy, & Railing Conc. = 52 cy

FRA-270-44.700 L&R OVER SR-317 (HAMILTON RD.)

SFN 2514370 - End cross frames - 3,830 lbs, Superstructure Conc. - 16 cy, Substructure Conc. - 16 cy, & Railing Conc. = 4 cy
SFN 2514346 - End cross frames - 3,830 lbs, Superstructure Conc. - 16 cy, Substructure Conc. - 16 cy, & Railing Conc. = 4 cy

FRA-270-44.880 L&R OVER REFUGEE RD.

SFN 2514311 - End cross frames - 3,616 lbs, Superstructure Conc. - 15 cy, Substructure Conc. - 44 cy, & Railing Conc. - 16 cy
SFN 2514281 - End cross frames - 3,616 lbs, Superstructure Conc. - 15 cy, Substructure Conc. - 44 cy, & Railing Conc. - 16 cy

FRA-270-45.490 L&R OVER MASON RUN

SFN 2514257 - Superstructure Conc. - 19 cy, Substructure Conc. - 4 cy, & Railing Conc. = 5 cy
SFN 2514222 - Superstructure Conc. - 19 cy, Substructure Conc. - 4 cy, & Railing Conc. = 5 cy

FRA-270-46.130 L,R,&A OVER US-33

SFN 2514168 - End cross frames - 1,448 lbs, Superstructure Conc. - 8 cy, Substructure Conc. - 41 cy, & Railing Conc. - 8 cy
SFN 2514133 - End cross frames - 2,534 lbs, Superstructure Conc. - 12 cy, Substructure Conc. - 56 cy, Railing Conc. - 98 cy
& Railing Safety Rail Steel = 604 ft
SFN 2514109 - End cross frames - 1,448 lbs, Superstructure Conc. - 8 cy, Substructure Conc. - 41 cy, & Railing Conc. - 8 cy

FRA-C1230-0.0000 WILLIAMS ROAD (CR 123) OVER I-270

SFN 2514079 - End cross frames/Beam end repair - 3,400 lbs, Superstructure Conc. - 9 cy, Substructure Conc. - 18 cy,
Railing Conc. = 131 cy, & Railing Safety Rail Steel = 698 ft

FRA-270-47.420 L&R OVER ALUM CREEK

SFN 2514044 - Substructure Conc. - 12 cy & Railing Conc. = 8 cy
SFN 2513986 - Substructure Conc. - 12 cy & Railing Conc. = 8 cy

FRA-270-48.020 L&R OVER CSX RAILROAD AND PRIVATE ROAD

SFN 2513927 - Substructure Conc. - 10 cy, & Railing Conc. = 8 cy
SFN 2513951 - Substructure Conc. - 10 cy, & Railing Conc. = 8 cy



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STRUCTURE: FRA-270-43.18 SFN: _____ PID: 112798

ITEM: ITEM 503 PAY UNIT: CY
SUBJECT: UNCLASSIFIED EXCAVATION

DESCRIPTION: APPENDIX B
SUPPLEMENTAL DESCRIPTION: _____

Item 503 - Unclassified Excavation (*Cubic Yards*) :

FRA-270-43.180 R&B OVER NORFOLK SOUTHERN RR

SFN 2514559 - 6 cy
SFN 2514524 - 9 cy

FRA-270-44.700 L&R OVER SR-317 (HAMILTON RD.)

SFN 2514370 - 8 cy
SFN 2514346 - 8 cy

FRA-270-44.880 L&R OVER REFUGEE RD.

SFN 2514311 - 44 cy
SFN 2514281 - 44 cy

FRA-270-45.490 L&R OVER MASON RUN

SFN 2514257 - NONE
SFN 2514222 - NONE

FRA-270-46.130 L,R,&A OVER US-33

SFN 2514168 - 26 cy
SFN 2514133 - 52 cy
SFN 2514109 - 30 cy

FRA-C1230-0.0000 WILLIAMS ROAD (CR 123) OVER I-270

SFN 2514079 - 54 cy

FRA-270-47.420 L&R OVER ALUM CREEK

SFN 2514044 - 13 cy
SFN 2513986 - 13 cy

FRA-270-48.020 L&R OVER CSX RAILROAD AND PRIVATE ROAD

SFN 2513927 - 15 cy
SFN 2513951 - 15 cy



DESIGN: GLA DATE: 10/10/23 UPDATE: _____ DATE: _____
CHECK: TAS DATE: 10/22/23 RECHECK: _____ DATE: _____
STRUCTURE: FRA-270-43.18 SFN: _____ PID: 112798

ITEM: ITEM 514 PAY UNIT: SF
SUBJECT: STEEL SURFACES TO BE PAINTED

DESCRIPTION: APPENDIX C
SUPPLEMENTAL DESCRIPTION: _____

Item 514 - Steel Surfaces to be Painted (*List Structures & Square Footage of Steel*) :

FRA-270-43.180 R&B OVER NORFOLK SOUTHERN RR
SFN 2514559 - NONE
SFN 2514524 - NONE

FRA-270-44.700 L&R OVER SR-317 (HAMILTON RD.)
SFN 2514370 - 605 sf
SFN 2514346 - 605 sf

FRA-270-44.880 L&R OVER REFUGEE RD.
SFN 2514311 - 567 sf
SFN 2514281 - 567 sf

FRA-270-45.490 L&R OVER MASON RUN
SFN 2514257 - NONE
SFN 2514222 - NONE

FRA-270-46.130 L,R,&A OVER US-33
SFN 2514168 - NONE
SFN 2514133 - NONE
SFN 2514109 - NONE

FRA-C1230-0.0000 WILLIAMS ROAD (CR 123) OVER I-270
SFN 2514079 - 699 sf

FRA-270-47.420 L&R OVER ALUM CREEK
SFN 2514044 - NONE
SFN 2513986 - NONE

FRA-270-48.020 L&R OVER CSX RAILROAD AND PRIVATE ROAD
SFN 2513927 - NONE
SFN 2513951 - NONE