



Client: ODOT District 12
PID No.: 105769
Subject: Estimated Quantities - Final Tracings
Bridge No. CUY-54-0100

Job No.: 2019254.07
Sheet No.: 1 Of 1
Made By: RFV Date: 7/19/2021
Chk'd By: MOJ Date: 7/27/2021

ITEM 514 - SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL

No. of beams to be painted = 5 each
Length of each beam to be painted = 398.57 ft
Total beam length = 1992.86 ft

Nominal beam depth = 3.00 ft
Nominal beam flange width = 1.00 ft
Painted perimeter = 9.00 ft

Additional % for incidentals = 15.00 % ODOT CMS 514.23

Total = 20,627 sf ODOT CMS 514.23

ITEM 514 - FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT

Total = 20,627 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT

Total = 20,627 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (EXTERIOR COLOR)

No. Exterior Beams = 2
Length of Exterior Beams = 398.57 ft
Painted perimeter = 5.00 ft

Total = 3,986 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (INTERIOR COLOR)

Total = 16,641 sf

ITEM 514 - GRINDING FINES, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL

Time = 1 min/ft 2020 ODOT BDM 404.1.11
Total beam length = 1,993 ft

Total = 34 mnhr

ITEM 514 - FINAL INSPECTION REPAIR

Total beam length = 1,993 ft
No. of crossframe locations = 116 each

Total = 20 each ODOT CMS 514.21.A



Client: ODOT District 12
PID No.: 105769
Subject: Estimated Quantities - Final Tracings
Bridge No. CUY-47-0100

Job No.: 2019254.07
Sheet No.: 1 Of 1
Made By: RFV Date: 7/19/2021
Chk'd By: MOJ Date: 7/27/2021

ITEM 514 - SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL

No. of beams to be painted = 5 each
Length of each beam to be painted = 384.67 ft

Total beam length = 1923.33 ft

Nominal beam depth = 3.00 ft
Nominal beam flange width = 1.00 ft

Painted perimeter = 9.00 ft

Additional % for incidentals = 15.00 % ODOT CMS 514.23

Total = 19,907 sf ODOT CMS 514.23

ITEM 514 - FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT

Total = 19,907 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT

Total = 19,907 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (EXTERIOR COLOR)

No. Exterior Beams = 2
Length of Exterior Beams = 384.67 ft
Painted perimeter = 5.00 ft

Total = 3,847 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (INTERIOR COLOR)

Total = 16,060 sf

ITEM 514 - GRINDING FINNS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL

Time = 1 min/ft 2020 ODOT BDM 404.1.11
Total beam length = 1,923 ft

Total = 33 mnhr

ITEM 514 - FINAL INSPECTION REPAIR

Total beam length = 1,923 ft
No. of crossframe locations = 124 each

Total = 20 each ODOT CMS 514.21.A



Client: ODOT District 12
PID No.: 105769
Subject: Estimated Quantities - Final Tracings
Bridge No. LAK-90-0171

Job No.: 2019254.07
Sheet No.: 1 Of 1
Made By: RFV Date: 7/19/2021
Chk'd By: MOJ Date: 7/27/2021

ITEM 514 - SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL

No. of beams to be painted = 5 each
Length of each beam to be painted = 273.00 ft
Total beam length = 1365.00 ft

Nominal beam depth = 3.03 ft
Nominal beam flange width = 1.01 ft
Painted perimeter = 9.07 ft

Additional % for incidentals = 15.00 % ODOT CMS 514.23

Total = 14,233 sf ODOT CMS 514.23

ITEM 514 - FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT

Total = 14,233 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT

Total = 14,233 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (EXTERIOR COLOR)

No. Exterior Beams = 2
Length of Exterior Beams = 273.00 ft
Painted perimeter = 5.04 ft

Total = 2,750 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (INTERIOR COLOR)

Total = 11,483 sf

ITEM 514 - GRINDING FINNS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL

Time = 1 min/ft 2020 ODOT BDM 404.1.11
Total beam length = 1,365 ft

Total = 23 mnhr

ITEM 514 - FINAL INSPECTION REPAIR

Total beam length = 1,365 ft
No. of crossframe locations = 112 each

Total = 16 each ODOT CMS 514.21.A



Client: ODOT District 12
PID No.: 105769
Subject: Estimated Quantities - Final Tracings
Bridge No. LAK-90-0243R

Job No.: 2019254.07
Sheet No.: 1 Of 1
Made By: RFV Date: 7/19/2021
Chk'd By: MOJ Date: 7/27/2021

ITEM 514 - SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL

Beams

No. of beams to be painted =	5 each	Beam 1 Length	218 ft
Avg. length of each beam to be painted =	221.48 ft	Beam 5 Length	225.38 ft
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Total beam length =	1107.41 ft		
Nominal beam depth =	3.04 ft		
Nominal beam flange width =	1.38 ft		
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Painted perimeter =	10.21 ft		

Girders

No. of girders to be painted =	5 each	Girder 1 Length	357 ft
Avg. length of each beam to be painted =	362.20 ft	Girder 5 Length	367.57 ft
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Total girder length =	1811.02 ft		
Nominal girder depth =	5.29 ft		
Nominal beam flange width =	1.33 ft		
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Painted perimeter =	14.58 ft		

Crossgirders

No. of crossgirders to be painted =	5 each
Crossgirder length =	30.00 ft
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Total crossgirder length =	150.00 ft
Nominal crossgirder depth =	5.29 ft
Nominal crossgirder flange width =	1.43 ft
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Painted perimeter =	14.87 ft

Incidentals

Additional % for incidentals =	17.00 %	ODOT CMS 514.23
Total =	46,738 sf	ODOT CMS 514.23

ITEM 514 - FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT

Total = 46,738 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT

Total = 46,738 sf

ITEM 514 - FIELD PAINTING STRUCTURAL STEEL, FINISH COAT

Total = 46,738 sf

ITEM 514 - GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL

Time =	1 min/ft	2020 ODOT BDM 404.1.11
Total beam length =	3,068 ft	
Total =	52 mnhr	

ITEM 514 - FINAL INSPECTION REPAIR

Total beam length =	3,068 ft	
No. of crossframe locations =	180 each	
Total =	30 each	ODOT CMS 514.21.A