

Author Christian Carreras
 Course CSC 554 Project Management
 Semester Spring 2018
 Professor Dr. Hussain
 Due Date 04.14.2018
 Submitted 13.04.2018

| WBS | Task Name | Cost | Time | |
|--------------|---|-------------------|------------------|------------------------------|
| 1 | PennDOT Route 222 Traffic Reduction Contract | \$ 332,100 | 4 Months | |
| 1.1 | Intersection One Rework | \$ 66,420 | 25 day(s) | |
| 1.1.1 | Remove Traffic Accessories | \$ 15,941 | 6 day(s) | Price Is Already Included In |
| 1.1.1.1 | Remove All Traffic Accessories | \$ 13,284 | 5 day(s) | |
| 1.1.1.2 | Dispose of Old Traffic Accessories | \$ 2,657 | 1 day(s) | |
| 1.1.2 | Remove Old Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.1.2.1 | Remove All Old Sections of Road | \$ 29,225 | 11 day(s) | |
| 1.1.2.2 | Dispose of Old Sections of Road | \$ 2,657 | 1 day(s) | |
| 1.1.3 | Add New Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.1.3.1 | Prepare and Level Ground for Road | \$ 18,598 | 7 day(s) | |
| 1.1.3.2 | Pour New Road Material | \$ 10,627 | 4 day(s) | |
| 1.1.3.3 | Treat, Smooth Transitions and Paint New Road | \$ 2,657 | 1 day(s) | |
| 1.1.4 | Add New Traffic Accessories | \$ 26,568 | 10 day(s) | Price Is Already Included In |
| 1.1.4.1 | Build Foundations For Accessories | \$ 15,941 | 6 day(s) | |
| 1.1.4.2 | Place New Traffic Accessories | \$ 5,314 | 2 day(s) | |
| 1.1.4.3 | Hook Up Power For Certain Accessories | \$ 5,314 | 2 day(s) | |
| 1.1.4.4 | Check That New Accessories Work | \$ - | | |
| 1.1.5 | Clean Up and Move To New Intersection | \$ 2,657 | 1 day(s) | Critical Path |
| 1.1.6 | Meet With PennDOT for Assessment | \$ - | | |
| 1.2 | Intersection Two Rework | \$ 66,420 | 25 day(s) | |
| 1.2.1 | Remove Traffic Accessories | \$ 15,941 | 6 day(s) | Price Is Already Included In |
| 1.2.1.1 | Remove All Old Traffic Accessories | \$ 13,284 | 5 day(s) | |
| 1.2.1.2 | Dispose of Old Traffic Accessories | \$ 2,657 | 1 day(s) | |
| 1.2.2 | Remove Old Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |

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| 1.2.2.1 | Remove All Old Sections of Road | \$ 29,225 | 11 day(s) | |
| 1.2.2.2 | Dispose of Old Sections of Road | \$ 2,657 | 1 day(s) | |
| 1.2.3 | Add New Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.2.3.1 | Prepare and Level Ground for Road | \$ 18,598 | 7 day(s) | |
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| 1.2.3.3 | Treat, Smooth Transitions and Paint New Road | \$ 2,657 | 1 day(s) | |
| 1.2.4 | Add New Traffic Accessories | \$ 26,568 | 10 day(s) | Price Is Already Included In |
| 1.2.4.1 | Build Foundations For Accessories | \$ 15,941 | 6 day(s) | |
| 1.2.4.2 | Place New Traffic Accessories | \$ 5,314 | 2 day(s) | |
| 1.2.4.3 | Hook Up Power For Certain Accessories | \$ 5,314 | 2 day(s) | |
| 1.2.4.4 | Check That New Accessories are Working | \$ - | | |
| 1.2.5 | Clean Up and Move To New Intersection | \$ 2,657 | 1 day(s) | Critical Path |
| 1.2.6 | Meet With PennDOT for Assessment | \$ - | | |
| 1.3 | Intersection Three Rework | \$ 66,420 | 25 day(s) | |
| 1.3.1 | Remove Traffic Accessories | \$ 15,941 | 6 day(s) | Price Is Already Included In |
| 1.3.1.1 | Remove All Old Traffic Accessories | \$ 13,284 | 5 day(s) | |
| 1.3.1.2 | Dispose of Old Traffic Accessories | \$ 2,657 | 1 day(s) | |
| 1.3.2 | Remove Old Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.3.2.1 | Remove All Old Sections of Road | \$ 29,225 | 11 day(s) | |
| 1.3.2.2 | Dispose of Old Sections of Road | \$ 2,657 | 1 day(s) | |
| 1.3.3 | Add New Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.3.3.1 | Prepare and Level Ground for Road | \$ 18,598 | 7 day(s) | |
| 1.3.3.2 | Pour New Road Material | \$ 10,627 | 4 day(s) | |
| 1.3.3.3 | Treat, Smooth Transitions and Paint New Road | \$ 2,657 | 1 day(s) | |
| 1.3.4 | Add New Traffic Accessories | \$ 26,568 | 10 day(s) | Price Is Already Included In |
| 1.3.4.1 | Build Foundations For Accessories | \$ 15,941 | 6 day(s) | |
| 1.3.4.2 | Place New Traffic Accessories | \$ 5,314 | 2 day(s) | |
| 1.3.4.3 | Hook Up Power For Certain Accessories | \$ 5,314 | 2 day(s) | |
| 1.3.4.4 | Check That New Accessories are Working | \$ - | | |
| 1.3.5 | Clean Up and Move To New Intersection | \$ 2,657 | 1 day(s) | Critical Path |
| 1.3.6 | Meet With PennDOT for Assessment | \$ - | | |
| 1.4 | Intersection Four Rework | \$ 66,420 | 25 day(s) | |
| 1.4.1 | Remove Traffic Accessories | \$ 15,941 | 6 day(s) | Price Is Already Included In |

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|--------------|--|------------------|------------------|------------------------------|
| 1.4.1.1 | Remove All Old Traffic Accessories | \$ 13,284 | 5 day(s) | |
| 1.4.1.2 | Dispose of Old Traffic Accessories | \$ 2,657 | 1 day(s) | |
| 1.4.2 | Remove Old Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.4.2.1 | Remove All Old Sections of Road | \$ 29,225 | 11 day(s) | |
| 1.4.2.2 | Dispose of Old Sections of Road | \$ 2,657 | 1 day(s) | |
| 1.4.3 | Add New Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.4.3.1 | Prepare and Level Ground for Road | \$ 18,598 | 7 day(s) | |
| 1.4.3.2 | Pour New Road Material | \$ 10,627 | 4 day(s) | |
| 1.4.3.3 | Treat, Smooth Transitions and Paint New Road | \$ 2,657 | 1 day(s) | |
| 1.4.4 | Add New Traffic Accessories | \$ 26,568 | 10 day(s) | Price Is Already Included In |
| 1.4.4.1 | Build Foundations For Accessories | \$ 15,941 | 6 day(s) | |
| 1.4.4.2 | Place New Traffic Accessories | \$ 5,314 | 2 day(s) | |
| 1.4.4.3 | Hook Up Power For Certain Accessories | \$ 5,314 | 2 day(s) | |
| 1.4.4.4 | Check That New Accessories are Working | \$ - | | |
| 1.4.5 | Clean Up and Move To New Intersection | \$ 2,657 | 1 day(s) | Critical Path |
| 1.4.6 | Meet With PennDOT for Assessment | \$ - | | |
| 1.5 | Intersection Five Rework | \$ 66,420 | 25 day(s) | |
| 1.5.1 | Remove Traffic Accessories | \$ 15,941 | 6 day(s) | Price Is Already Included In |
| 1.5.1.1 | Remove All Old Traffic Accessories | \$ 13,284 | 5 day(s) | |
| 1.5.1.2 | Dispose of Old Traffic Accessories | \$ 2,657 | 1 day(s) | |
| 1.5.2 | Remove Old Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.5.2.1 | Remove All Old Sections of Road | \$ 29,225 | 11 day(s) | |
| 1.5.2.2 | Dispose of Old Sections of Road | \$ 2,657 | 1 day(s) | |
| 1.5.3 | Add New Sections of Road | \$ 31,882 | 12 day(s) | Critical Path |
| 1.5.3.1 | Prepare and Level Ground for Road | \$ 18,598 | 7 day(s) | |
| 1.5.3.2 | Pour New Road Material | \$ 10,627 | 4 day(s) | |
| 1.5.3.3 | Treat, Smooth Transitions and Paint New Road | \$ 2,657 | 1 day(s) | |
| 1.5.4 | Add New Traffic Accessories | \$ 26,568 | 10 day(s) | Price Is Already Included In |
| 1.5.4.1 | Build Foundations For Accessories | \$ 15,941 | 6 day(s) | |
| 1.5.4.2 | Place New Traffic Accessories | \$ 5,314 | 2 day(s) | |
| 1.5.4.3 | Hook Up Power For Certain Accessories | \$ 5,314 | 2 day(s) | |
| 1.5.4.4 | Check That New Accessories are Working | \$ - | | |
| 1.5.5 | Clean Up All Company Resources | \$ 2,657 | 1 day(s) | Critical Path |

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|-------|----------------------------------|------|----------|---------------|
| 1.5.6 | Meet With PennDOT for Assessment | \$ - | 1 day(s) | Critical Path |
| 1.6 | Closing of Contract | \$ 0 | 1 day(s) | |
| 1.6.1 | Close Contract with PennDOT | \$ - | 1 day | |
| 1.6.2 | Fill Out and File All Documents | \$ - | | |
| 1.6.3 | Return All Leased Equipment | \$ - | | |

Critical Path Free Slack: 0 Total Slack: 8

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