Assumptions:

Appears to be 55' Exist Row?

24' Exist. Paved Roadway.

Improve Ditches

Add 5' sidewalk 1' from ROW

Add Box Culvert for North

Farm Drainage under Independ.

Improve Ditch down Sandcrab

to SH 35

Length approx. 2750'

Assume 10" Flex Base

2" ACP Surface

60' per Jody via email 6/14/2021

Proposed 28' Roadway with 2' Shoulders each side per Jody via em

From Jody via email 6/14/2021

From Jody via email 6/14/2021

From Jody via email 6/14/2021

From Google Earth

Section used on other city streets Section used on other city streets

## OPTION 2 - Independence Drive Reconstruction Project From FM 1090 to Sandcrab Blvd - Two Lane w/ Curb (Approx 2800 LF)

1 104 Remove Concrete (Driveway), Complete 2 110 Excavation (Roadway), Complete 3 110 Excavation (Channel), Complete 4 132 Embankment (Final)(Dens Cont)(Ty A), Complete in Place 5 164 Cell Fiber Mulch Seeding 6 247 Flex Base (Ty A Gr 1-2) 10", Complete in Place 7 260 Lime Treat Subgrade (6"), Complete in Place 8 316 Asphalt RC-250, Complete in Place 9 316 Asphalt RC-250, Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty B Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HIMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 RC Pipe (Cl III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 18 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 19 465 Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 20 465 Curb Inlet (4'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 21 465 Unibet (1'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence, Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 30 531 Concrete Driveways (6"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty ( CW)24"(SLD) 34 668 Perfab Pav Mark Ty ( CW)24"(SLD) 35 760 Ditch Cleaning and Reshaping 36 Obtain 25' Ditch Easement	QUANTITY PER UNIT	UNIT	UNIT PRICE			AMOUNT BID (QTY. X UNIT PRICE)	
2 110 Excavation (Roadway), Complete 3 110 Excavation (Channel), Complete 4 132 Embankment (Final)(Dens Cont)(Ty A), Complete in Place 5 164 Cell Fiber Mulch Seeding 6 247 Flex Base (Ty A Gr 1-2) 10", Complete in Place 7 260 Lime Treat Subgrade (6"), Complete in Place 8 316 Asphalt RC-250, Complete in Place 9 316 Asphalt RC-250, Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 RC Pipe (CI III)(38") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (CI III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 RC Pipe (CI III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 18 465 RC Pipe (CI III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 19 465 Complete in Place 20 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 21 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence, Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty 1 (W)"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty 1 (W)"(SLD)(090 MIL) 35 760 Ditch Cleaning and Reshaping			-				
110 Excavation (Channel), Complete 4 132 Embankment (Final)(Dens Cont)(Ty A), Complete in Place 5 164 Cell Fiber Mulch Seeding 6 247 Flex Base (Ty A Gr 1-2) 10", Complete in Place 7 260 Lime Treat Subgrade (6"), Complete in Place 8 316 Asphalt RC-250, Complete in Place 9 316 Asphalt (AC-15P or CRS-2P), Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TXS, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 RC Pipe (Cl III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 18 464 RC Pipe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 19 465 Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 20 465 Backfill), Complete in Place 21 465 Curb Inlet (3'S's') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Reft Pav Mark Ty I (Yl4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	325	SY	\$	32.00	\$	10,400.00	
4 132 Embankment (Final)(Dens Cont)(Ty A), Complete in Place 5 164 Cell Fiber Mulch Seeding 6 247 Flex Base (Ty A Gr 1-2) 10", Complete in Place 7 260 Lime Treat Subgrade (6"), Complete in Place 8 316 Asphalt RC-250, Complete in Place 9 316 Asphalt (AC-15P or CRS-2P), Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 Complete in Place 16 464 RP ippe (Cl III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 Complete in Place 18 464 RP ippe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 18 464 RP ippe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 19 465 Complete in Place 19 465 Complete in Place 20 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 21 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence, Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Reft Pav Mark Ty I (Yl4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	5835	CY	\$	30.00	\$	175,050.00	
5 164 Cell Fiber Mulch Seeding 6 247 Flex Base (Ty A Gr 1-2) 10", Complete in Place 7 260 Lime Treat Subgrade (6"), Complete in Place 8 316 Asphalt RC-250, Complete in Place 9 316 Asphalt RC-250, Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3") 15 464 RC Pipe (Cl III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 18 465 RC Pipe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 19 465 Complete in Place 20 465 Curb Inlet (3'x5") PCO w/ 3'x5" PB (Including Cement Stabilized Backfill), Complete in Place 21 465 Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	2870	CY	\$	17.00	\$	48,790.00	
6 247 Flex Base (Ty A Gr 1-2) 10", Complete in Place 7 260 Lime Treat Subgrade (6"), Complete in Place 8 316 Asphalt RC-250, Complete in Place 9 316 Asphalt (AC-15P or CRS-2P), Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 RC Pipe (CI III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 Complete in Place 18 464 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 18 465 Complete in Place 19 465 Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 20 465 Backfill), Complete in Place 21 465 Curb Inlet (3.5'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence, Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Curb Ramp Ty 1, Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty 1 (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	1380	CY	\$	45.00	\$	62,100.00	
7 260 Lime Treat Subgrade (6"), Complete in Place 8 316 Asphalt RC-250, Complete in Place 9 316 Asphalt (AC-15P or CRS-2P), Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty P Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 RC Pipe (CI III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 Complete in Place 18 464 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 18 465 Complete in Place 19 465 Complete in Place 20 465 Backfill), Complete in Place 21 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence, Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD) (090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	11313	SY	\$	3.00	\$	33,939.00	
8 316 Asphalt RC-250, Complete in Place 9 316 Asphalt (AC-15P or CRS-2P), Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 RC Pipe (CI III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (CI III)(24") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 Complete in Place 18 464 Complete in Place 19 465 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 19 465 Complete in Place 20 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 21 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence, Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	2320	CY	\$	150.00	\$	348,000.00	
9 316 Asphalt (AC-15P or CRS-2P), Complete in Place 10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 RC Pipe (CI III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (CI III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 Complete in Place 18 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 18 464 RC Pipe (CI III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 19 465 Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 20 465 Curb Inlet (3.5'x5') PCO w/ 3.5'x5' PB (Including Cement Stabilized Backfill), Complete in Place 21 465 Curb Inlet (4'x5') PCO w/ 4'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence, (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD) (090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	12833	SY	\$	10.00	\$	128,330.00	
10 316 Aggregate Material (Ty B Gr 5)(Underseal) Complete in Place 11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place 12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place 13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place 14 462 Conc Box Culv (6'x3') 15 464 RC Pipe (Cl III)(18") Including Cement Stabilized Sand Backfill, Complete in Place 16 464 RC Pipe (Cl III)(24") Including Cement Stabilized Sand Backfill, Complete in Place 17 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place 18 464 RC Pipe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place 19 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 20 465 Curb Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place 21 465 Curb Inlet (4'x5') PCO w/ 4'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty I (Y)4"(SLD)(090 MIL)	1833	GAL	\$	8.00	\$	14,664.00	
11 316 Aggregate Material (Ty PE Gr 3 SAC-B)(Seal Coat) Complete in Place  12 Geogrid (Tensar TX5, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place  13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place  14 462 Conc Box Culv (6'x3')  15 464 RC Pipe (Cl III)(18") Including Cement Stabilized Sand Backfill, Complete in Place  16 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place  17 464 RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place  18 464 RC Pipe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place  18 465 RC Pipe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place  19 465 Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place  20 465 Curb Inlet (3.S'x5') PCO w/ 3.S'x5' PB (Including Cement Stabilized Backfill), Complete in Place  21 465 Curb Inlet (4'X5') PCO w/ 4'X5' PB (Including Cement Stabilized Backfill), Complete in Place  22 466 Wingwall (PW)(HW=4)  23 496 Remove Storm Sewer Pipe, Complete  24 500 Mobilization  25 502 Barricades, Signs and Traffic Handling  26 506 Temporary Sediment Control Fence, Complete in Place  27 506 Temporary Sediment Control Fence (Remove), Complete in Place  28 529 Concrete Curb & Gutter, Complete in Place  30 531 Concrete Driveways (6"), Complete in Place  31 531 Curb Ramp Ty 1, Complete in Place  32 644 Remove and Relocate Roadside Signs, Complete in Place  33 666 Refl Pav Mark Ty 1 (Y)4"(SLD)(090 MIL)  34 668 Prefab Pav Mark Ty 1 (Y)4"(SLD)(090 MIL)	3080	GAL	\$	7.00	\$	21,560.00	
Geogrid (Tensar TXS, Tensar TX-130S, Tensar BX-1200, or Terra Grid RX-1200) Complete in Place  13 340 D-Gr HMA (SQ) Ty D (SAC-B)(PG64-22)(Surf)(2"), Complete in Place  14 462 Conc Box Culv (6'x3')  15 464 RC Pipe (CI III)(18") Including Cement Stabilized Sand Backfill, Complete in Place  16 464 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place  17 464 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place  18 464 RC Pipe (CI III)(36") Including Cement Stabilized Sand Backfill, Complete in Place  19 465 RC Pipe (CI III)(36") Including Cement Stabilized Sand Backfill, Complete in Place  20 465 Curb Inlet (3'X5') PCO w/ 3'X5' PB (Including Cement Stabilized Backfill), Complete in Place  21 465 Curb Inlet (3'X5') PCO w/ 3'X5' PB (Including Cement Stabilized Backfill), Complete in Place  22 466 Wingwall (PW)(HW=4)  23 496 Remove Storm Sewer Pipe, Complete  24 500 Mobilization  25 502 Barricades, Signs and Traffic Handling  26 506 Temporary Sediment Control Fence, Complete in Place  27 506 Temporary Sediment Control Fence (Remove), Complete in Place  28 529 Concrete Curb & Gutter, Complete in Place  29 530 Concrete Driveways (6"), Complete in Place  30 531 Concrete Sidewalk (4"), Complete in Place  31 531 Curb Ramp Ty 1, Complete in Place  32 644 Remove and Relocate Roadside Signs, Complete in Place  33 666 Refl Pav Mark Ty 1 (Y)4"(SLD)  34 668 Prefab Pav Mark Ty 1 (Y)4"(SLD)  35 760 Ditch Cleaning and Reshaping	67	CY	\$	350.00	\$	23,450.00	
12	73	CY	\$	300.00	\$	21,900.00	
14 462 Conc Box Culv (6'x3')  15 464 RC Pipe (CI III)(18") Including Cement Stabilized Sand Backfill, Complete in Place  16 464 RC Pipe (CI III)(24") Including Cement Stabilized Sand Backfill, Complete in Place  17 464 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place  18 464 RC Pipe (CI III)(30") Including Cement Stabilized Sand Backfill, Complete in Place  18 465 RC Pipe (CI III)(36") Including Cement Stabilized Sand Backfill, Complete in Place  19 465 Complete in Place  20 465 Curb Inlet (3.5'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place  21 465 Curb Inlet (4'x5') PCO w/ 3.5'x5' PB (Including Cement Stabilized Backfill), Complete in Place  22 466 Wingwall (PW)(HW=4)  23 496 Remove Storm Sewer Pipe, Complete  24 500 Mobilization  25 502 Barricades, Signs and Traffic Handling  26 506 Temporary Sediment Control Fence, Complete in Place  27 506 Temporary Sediment Control Fence (Remove), Complete in Place  28 529 Concrete Curb & Gutter, Complete in Place  29 530 Concrete Driveways (6"), Complete in Place  30 531 Concrete Sidewalk (4"), Complete in Place  31 531 Curb Ramp Ty 1, Complete in Place  32 644 Remove and Relocate Roadside Signs, Complete in Place  33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL)  34 668 Prefab Pav Mark Ty C (W)24"(SLD)  35 760 Ditch Cleaning and Reshaping	9167	SY	\$	3.00	\$	27,501.00	
15 464 RC Pipe (Cl III)(18") including Cement Stabilized Sand Backfill, Complete in Place  16 464 RC Pipe (Cl III)(24") including Cement Stabilized Sand Backfill, Complete in Place  17 464 RC Pipe (Cl III)(30") including Cement Stabilized Sand Backfill, Complete in Place  18 464 RC Pipe (Cl III)(36") including Cement Stabilized Sand Backfill, Complete in Place  19 465 RC Pipe (Cl III)(36") including Cement Stabilized Sand Backfill, Complete in Place  19 465 Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place  20 465 Curb Inlet (3.5'x5') PCO w/ 3.5'x5' PB (Including Cement Stabilized Backfill), Complete in Place  21 465 Curb Inlet (4'x5') PCO w/ 4'x5' PB (Including Cement Stabilized Backfill), Complete in Place  22 466 Wingwall (PW)(HW=4)  23 496 Remove Storm Sewer Pipe, Complete  24 500 Mobilization  25 502 Barricades, Signs and Traffic Handling  26 506 Temporary Sediment Control Fence, Complete in Place  27 506 Temporary Sediment Control Fence (Remove), Complete in Place  28 529 Concrete Curb & Gutter, Complete in Place  29 530 Concrete Driveways (6"), Complete in Place  30 531 Concrete Sidewalk (4"), Complete in Place  31 531 Curb Ramp Ty 1, Complete in Place  32 644 Remove and Relocate Roadside Signs, Complete in Place  33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL)  34 668 Prefab Pav Mark Ty C (W)24"(SLD)  35 760 Ditch Cleaning and Reshaping	807	TON	\$	205.00	\$	165,435.00	
15	174	LF	\$	1,000.00	\$	174,000.00	
Complete in Place   RC Pipe (Cl III)(30") Including Cement Stabilized Sand Backfill, Complete in Place   RC Pipe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place   RC Pipe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place   Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place   Curb Inlet (3.5'x5') PCO w/ 3.5'x5' PB (Including Cement Stabilized Backfill), Complete in Place   Curb Inlet (4'x5') PCO w/ 4'x5' PB (Including Cement Stabilized Backfill), Complete in Place   Wingwall (PW)(HW=4)   23   496   Remove Storm Sewer Pipe, Complete   496   Mobilization   25   502   Barricades, Signs and Traffic Handling   26   506   Temporary Sediment Control Fence, Complete in Place   27   506   Temporary Sediment Control Fence (Remove), Complete in Place   28   529   Concrete Curb & Gutter, Complete in Place   29   530   Concrete Driveways (6"), Complete in Place   30   531   Concrete Sidewalk (4"), Complete in Place   31   531   Curb Ramp Ty 1, Complete in Place   32   644   Remove and Relocate Roadside Signs, Complete in Place   33   666   Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL)   34   668   Prefab Pav Mark Ty C (W)24"(SLD)   35   760   Ditch Cleaning and Reshaping	802	LF	\$	135.00	\$	108,270.00	
Complete in Place  RC Pipe (Cl III)(36") Including Cement Stabilized Sand Backfill, Complete in Place  Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place  Curb Inlet (3.5'x5') PCO w/ 3.5'x5' PB (Including Cement Stabilized Backfill), Complete in Place  Curb Inlet (4'x5') PCO w/ 3.5'x5' PB (Including Cement Stabilized Backfill), Complete in Place  Curb Inlet (4'x5') PCO w/ 4'x5' PB (Including Cement Stabilized Backfill), Complete in Place  465 Wingwall (PW)(HW=4)  23 496 Remove Storm Sewer Pipe, Complete  24 500 Mobilization  25 502 Barricades, Signs and Traffic Handling  26 506 Temporary Sediment Control Fence, Complete in Place  27 506 Temporary Sediment Control Fence (Remove), Complete in Place  28 529 Concrete Curb & Gutter, Complete in Place  29 530 Concrete Driveways (6"), Complete in Place  30 531 Concrete Sidewalk (4"), Complete in Place  31 531 Curb Ramp Ty 1, Complete in Place  32 644 Remove and Relocate Roadside Signs, Complete in Place  33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL)  34 668 Prefab Pav Mark Ty C (W)24"(SLD)  35 760 Ditch Cleaning and Reshaping	550	LF	\$	155.00	\$	85,250.00	
19 465 Complete in Place  19 465 Inlet (3'x5') PCO w/ 3'x5' PB (Including Cement Stabilized Backfill), Complete in Place  20 465 Curb Inlet (3.5'x5') PCO w/ 3.5'x5' PB (Including Cement Stabilized Backfill), Complete in Place  21 465 Curb Inlet (4'x5') PCO w/ 4'x5' PB (Including Cement Stabilized Backfill), Complete in Place  22 466 Wingwall (PW)(HW=4)  23 496 Remove Storm Sewer Pipe, Complete  24 500 Mobilization  25 502 Barricades, Signs and Traffic Handling  26 506 Temporary Sediment Control Fence, Complete in Place  27 506 Temporary Sediment Control Fence (Remove), Complete in Place  28 529 Concrete Curb & Gutter, Complete in Place  29 530 Concrete Driveways (6"), Complete in Place  30 531 Concrete Sidewalk (4"), Complete in Place  31 531 Curb Ramp Ty 1, Complete in Place  32 644 Remove and Relocate Roadside Signs, Complete in Place  33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL)  34 668 Prefab Pav Mark Ty C (W)24"(SLD)  35 760 Ditch Cleaning and Reshaping	550	LF	\$	185.00	\$	101,750.00	
20 465 Complete in Place 20 465 Curb Inlet (3.5'x5') PCO w/ 3.5'x5' PB (Including Cement Stabilized Backfill), Complete in Place 21 465 Curb Inlet (4'x5') PCO w/ 4'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	550	LF	\$	215.00	\$	118,250.00	
20 465 Backfill), Complete in Place 21 465 Curb Inlet (4'x5') PCO w/ 4'x5' PB (Including Cement Stabilized Backfill), Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	13	EA	\$	6,750.00	\$	87,750.00	
21 465 Complete in Place 22 466 Wingwall (PW)(HW=4) 23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	2	EA	\$	8,250.00	\$	16,500.00	
23 496 Remove Storm Sewer Pipe, Complete 24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	3	EA	\$	8,750.00	\$	26,250.00	
24 500 Mobilization 25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	4	EA	\$	30,000.00	\$	120,000.00	
25 502 Barricades, Signs and Traffic Handling 26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	50	LF	\$	25.00	\$	1,250.00	
26 506 Temporary Sediment Control Fence, Complete in Place 27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	1	LS	\$	125,000.00	\$	125,000.00	
27 506 Temporary Sediment Control Fence (Remove), Complete in Place 28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	12	MO	\$	3,000.00	\$	36,000.00	
28 529 Concrete Curb & Gutter, Complete in Place 29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	400	LF	\$	4.25	\$	1,700.00	
29 530 Concrete Driveways (6"), Complete in Place 30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	400	LF	\$	1.50	\$	600.00	
30 531 Concrete Sidewalk (4"), Complete in Place 31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	5500	LF	\$	45.00	\$	247,500.00	
31 531 Curb Ramp Ty 1, Complete in Place 32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	325	SY	\$	125.00	\$	40,625.00	
32 644 Remove and Relocate Roadside Signs, Complete in Place 33 666 Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL) 34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	3056	SY	\$	100.00	\$	305,600.00	
33       666       Refl Pav Mark Ty I (Y)4"(SLD)(090 MIL)         34       668       Prefab Pav Mark Ty C (W)24"(SLD)         35       760       Ditch Cleaning and Reshaping	10	EA	\$	3,800.00	\$	38,000.00	
34 668 Prefab Pav Mark Ty C (W)24"(SLD) 35 760 Ditch Cleaning and Reshaping	5	EA	\$	300.00	\$	1,500.00	
35 760 Ditch Cleaning and Reshaping	5500	LF	\$	1.15	\$	6,325.00	
35 760 Ditch Cleaning and Reshaping	24	LF	\$	25.00	\$	600.00	
	2550	LF	\$	30.00	\$	76,500.00	
	1	LS	\$	-	\$	-	
	TOTAL						
	20% Contingency						
Subtotal						560,067.80 3,360,406.80	
SURVEY & ENGINEERING (10%)						336,040.68	
GRAND TOTAL						3,696,447.48	

Total for Remainder of Independence Dr. From Sandcrab Blvd to FM 3084 (Approx 1200 LF) - Based on Proration of Above - \$1,612,995