

## Bid Items

### 100 Bid Items

108.4300	RBC Progress Schedule	EACH
108.4400	CPM Progress Schedule	EACH

### 200 Bid Items

201.0105	Clearing	STA
201.0110	Clearing	SY
201.0115	Clearing	ACRE
201.0120	Clearing	ID
201.0205	Grubbing	STA
201.0210	Grubbing	SY
201.0215	Grubbing	ACRE
201.0220	Grubbing	ID
202.0105	Roadside Clearing	STA
202.0110	Roadside Clearing	SY
202.0115	Roadside Clearing	ACRE
203.0100	Removing Small Pipe Culverts	EACH

#### 203.0220 *Replace Removing Old Structure (station) - LS; now Removing Structure (structure) - EACH.*

203.0220	Removing Structure (structure)	EACH
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#### 203.0250 *Add bid items for removals over waterways.*

203.0250	Removing Structure Over Waterway Remove Debris (structure)	EACH
203.0260	Removing Structure Over Waterway Minimal Debris (structure)	EACH
203.0270	Removing Structure Over Waterway Debris Capture (structure)	EACH

#### 203.0330 *Add bid items for debris containment systems.*

203.0330	Debris Containment (structure)	EACH
203.0335	Debris Containment Over Waterway (structure)	EACH
204.0100	Removing Concrete Pavement	SY
204.0105	Removing Pavement Butt Joints	SY
204.0110	Removing Asphaltic Surface	SY
204.0115	Removing Asphaltic Surface Butt Joints	SY
204.0120	Removing Asphaltic Surface Milling	SY
204.0125	Removing Asphaltic Surface Milling	TON
204.0130	Removing Curb	LF
204.0140	Removing Gutter	LF
204.0150	Removing Curb & Gutter	LF
204.0155	Removing Concrete Sidewalk	SY
204.0157	Removing Concrete Barrier	LF
204.0160	Removing Lip Curb	LF
204.0165	Removing Guardrail	LF
204.0170	Removing Fence	LF
204.0175	Removing Concrete Slope Paving	SY
204.0180	Removing Delineators and Markers	EACH
204.0185	Removing Masonry	CY
204.0190	Removing Surface Drains	EACH
204.0195	Removing Concrete Bases	EACH
204.0200	Removing Railroad Track	LF
204.0205	Removing Utility Poles	EACH
204.0210	Removing Manholes	EACH
204.0215	Removing Catch Basins	EACH
204.0220	Removing Inlets	EACH
204.0225	Removing Septic Tanks	EACH
204.0230	Removing Building (station)	LS

## Bid Items

204.0235	Removing Buildings (parcel)	LS
204.0240	Site Clearance (parcel)	LS
204.0245	Removing Storm Sewer (size)	LF

### 204.0246 New Removing Ancillary Structure & Removing Ancillary Structure with Restoration bid items.

204.0246	Removing Ancillary Structure (structure)	EACH
204.0247	Removing Ancillary Structure with Restoration (structure)	EACH
204.0250	Abandoning Manholes	EACH
204.0255	Abandoning Catch Basins	EACH
204.0260	Abandoning Inlets	EACH
204.0265	Abandoning Wells	EACH
204.0270	Abandoning Culvert Pipes	EACH
204.0275	Closing Culvert Pipes	EACH
204.0280	Sealing Pipes	EACH
205.0100	Excavation Common	CY
205.0200	Excavation Rock	CY
205.0300	Excavation Stone Piles and Stone Fences	CY
205.0400	Excavation Marsh	CY
205.1300	Presplitting Rock	LF
206.1000	Excavation for Structures Bridges (structure)	LS
206.2000	Excavation for Structures Culverts (structure)	LS
206.3000	Excavation for Structures Retaining Walls (structure)	LS
206.4000	Excavation for Structures Structural Plate Pipe or Pipe Arches (station)	LS
206.5000	Cofferdams (structure)	LS
208.0100	Borrow	CY
208.1100	Select Borrow	CY
209.1100	Backfill Granular Grade 1	CY
209.1500	Backfill Granular Grade 1	TON
209.2100	Backfill Granular Grade 2	CY
209.2500	Backfill Granular Grade 2	TON
210.1100	Backfill Structure Type A	CY
210.1500	Backfill Structure Type A	TON
210.2100	Backfill Structure Type B	CY
210.2500	Backfill Structure Type B	TON
211.0100	Prepare Foundation for Asphaltic Paving (project)	LS
211.0200	Prepare Foundation for Concrete Pavement (project)	LS
211.0300	Prepare Foundation for Concrete Base (project)	LS
211.0400	Prepare Foundation for Asphaltic Shoulders	STA
211.0500	Prepare Foundation for Base Aggregate	STA
213.0100	Finishing Roadway (project)	EACH
214.0100	Obliterating Old Road	STA

## 300 Bid Items

305.0110	Base Aggregate Dense 3/4-Inch	TON
305.0115	Base Aggregate Dense 3/4-Inch	CY
305.0120	Base Aggregate Dense 1 1/4-Inch	TON
305.0125	Base Aggregate Dense 1 1/4-Inch	CY
305.0130	Base Aggregate Dense 3-Inch	TON
305.0135	Base Aggregate Dense 3-Inch	CY
305.0410	Aggregate Detours	TON
305.0415	Aggregate Detours	CY
305.0500	Shaping Shoulders	STA
310.0110	Base Aggregate Open-Graded	TON
310.0115	Base Aggregate Open-Graded	CY
311.0110	Breaker Run	TON

## Bid Items

311.0115	Breaker Run	CY
312.0110	Select Crushed Material	TON
312.0115	Select Crushed Material	CY
313.0110	Pit Run	TON
313.0115	Pit Run	CY
315.0100	Asphaltic Base	TON
315.0200	Asphaltic Base Widening	TON
320.0105	Concrete Base 4-Inch	SY
320.0110	Concrete Base 4 1/2-Inch	SY
320.0115	Concrete Base 5-Inch	SY
320.0120	Concrete Base 5 1/2-Inch	SY
320.0125	Concrete Base 6-Inch	SY
320.0130	Concrete Base 6 1/2-Inch	SY
320.0135	Concrete Base 7-Inch	SY
320.0140	Concrete Base 7 1/2-Inch	SY
320.0145	Concrete Base 8-Inch	SY
320.0150	Concrete Base 8 1/2-Inch	SY
320.0155	Concrete Base 9-Inch	SY
320.0160	Concrete Base 9 1/2-Inch	SY
320.0165	Concrete Base 10-Inch	SY
320.0170	Concrete Base 10 1/2-Inch	SY
320.0305	Concrete Base HES 4-Inch	SY
320.0310	Concrete Base HES 4 1/2-Inch	SY
320.0315	Concrete Base HES 5-Inch	SY
320.0320	Concrete Base HES 5 1/2-Inch	SY
320.0325	Concrete Base HES 6-Inch	SY
320.0330	Concrete Base HES 6 1/2-Inch	SY
320.0335	Concrete Base HES 7-Inch	SY
320.0340	Concrete Base HES 7 1/2-Inch	SY
320.0345	Concrete Base HES 8-Inch	SY
320.0350	Concrete Base HES 8 1/2-Inch	SY
320.0355	Concrete Base HES 9-Inch	SY
320.0360	Concrete Base HES 9 1/2-Inch	SY
320.0365	Concrete Base HES 10-Inch	SY
320.0370	Concrete Base HES 10 1/2-Inch	SY
325.0100	Pulverize and Relay	SY
330.0100	Mill and Relay	SY
335.0100	Rubblizing	SY
340.0100	Cracking and Seating	SY
350.0102	Subbase	CY
350.0104	Subbase	TON
350.0115	Subbase 6-Inch	SY
350.0120	Subbase 7-Inch	SY
350.0125	Subbase 8-Inch	SY
350.0130	Subbase 9-Inch	SY
350.0135	Subbase 10-Inch	SY
350.0140	Subbase 11-Inch	SY
350.0145	Subbase 12-Inch	SY
390.0103	Base Patching	SY
390.0201	Base Patching Asphaltic	TON
390.0203	Base Patching Asphaltic	SY
390.0303	Base Patching Concrete	SY
390.0403	Base Patching Concrete SHES	SY

## 400 Bid Items

## Bid Items

405.0100	Coloring Concrete WisDOT Red	CY
405.0200	Coloring Concrete Custom	CY
405.1000	Stamping Colored Concrete	CY
415.0060	Concrete Pavement 6-Inch	SY
415.0065	Concrete Pavement 6 1/2-Inch	SY
415.0070	Concrete Pavement 7-Inch	SY
415.0075	Concrete Pavement 7 1/2-Inch	SY
415.0080	Concrete Pavement 8-Inch	SY
415.0085	Concrete Pavement 8 1/2-Inch	SY
415.0090	Concrete Pavement 9-Inch	SY
415.0095	Concrete Pavement 9 1/2-Inch	SY
415.0100	Concrete Pavement 10-Inch	SY
415.0105	Concrete Pavement 10 1/2-Inch	SY
415.0110	Concrete Pavement 11-Inch	SY
415.0115	Concrete Pavement 11 1/2-Inch	SY
415.0120	Concrete Pavement 12-Inch	SY
415.0125	Concrete Pavement 12 1/2-Inch	SY
415.0130	Concrete Pavement 13-Inch	SY
415.0135	Concrete Pavement 13 1/2-Inch	SY
415.0210	Concrete Pavement Gaps	Each
415.0310	Concrete Alley	SY
415.0410	Concrete Pavement Approach Slab	SY
415.1080	Concrete Pavement HES 8-Inch	SY
415.1085	Concrete Pavement HES 8 1/2-Inch	SY
415.1090	Concrete Pavement HES 9-Inch	SY
415.1095	Concrete Pavement HES 9 1/2-Inch	SY
415.1100	Concrete Pavement HES 10-Inch	SY
415.1105	Concrete Pavement HES 10 1/2-Inch	SY
415.1110	Concrete Pavement HES 11-Inch	SY
415.1115	Concrete Pavement HES 11 1/2-Inch	SY
415.1120	Concrete Pavement HES 12-Inch	SY
415.1125	Concrete Pavement HES 12 1/2-Inch	SY
415.1130	Concrete Pavement HES 13-Inch	SY
415.1135	Concrete Pavement HES 13 1/2-Inch	SY
415.1310	Concrete Alley HES	SY
415.1410	Concrete Pavement Approach Slab HES	SY
415.4100	Concrete Pavement Joint Filling	SY
416.0160	Concrete Driveway 6-Inch	SY
416.0170	Concrete Driveway 7-Inch	SY
416.0180	Concrete Driveway 8-Inch	SY
416.0190	Concrete Driveway 9-Inch	SY
416.0260	Concrete Driveway HES 6-Inch	SY
416.0270	Concrete Driveway HES 7-Inch	SY
416.0280	Concrete Driveway HES 8-Inch	SY
416.0290	Concrete Driveway HES 9-Inch	SY
416.0512	Concrete Truck Apron 12-Inch	SY
416.0610	Drilled Tie Bars	EACH
416.0620	Drilled Dowel Bars	EACH
416.1010	Concrete Surface Drains	CY
416.1015	Concrete Surface Drains HES	CY
416.1110	Concrete Shoulder Rumble Strips	LF
416.1180	Concrete Intersection Rumble Strips	SY
416.1710	Concrete Pavement Repair	SY
416.1715	Concrete Pavement Repair SHES	SY

## Bid Items

416.1720	Concrete Pavement Replacement	SY
416.1725	Concrete Pavement Replacement SHES	SY
420.1000	Continuous Diamond Grinding Concrete Pavement	SY
450.4000	HMA Cold Weather Paving	TON
455.0500	Asphaltic Material Seal Coat	TON
455.0505	Asphaltic Material Seal Coat	GAL
455.0600	Tack Coat	TON
455.0605	Tack Coat	GAL
460.2000	Incentive Density HMA Pavement	DOL
460.5223	HMA Pavement 3 LT 58-28 S	TON
460.5224	HMA Pavement 4 LT 58-28 S	TON
460.5225	HMA Pavement 5 LT 58-28 S	TON
460.5226	HMA Pavement 6 LT 58-28 S	TON
460.5246	HMA Pavement 6 LT 58-34 S	TON
460.5243	HMA Pavement 3 LT 58-34 S	TON
460.5244	HMA Pavement 4 LT 58-34 S	TON
460.5245	HMA Pavement 5 LT 58-34 S	TON
460.5424	HMA Pavement 4 LT 58-28 H	TON
460.5425	HMA Pavement 5 LT 58-28 H	TON
460.5426	HMA Pavement 6 LT 58-28 H	TON
460.5444	HMA Pavement 4 LT 58-34 H	TON
460.5445	HMA Pavement 5 LT 58-34 H	TON
460.5446	HMA Pavement 6 LT 58-34 H	TON
460.6222	HMA Pavement 2 MT 58-28 S	TON
460.6223	HMA Pavement 3 MT 58-28 S	TON
460.6224	HMA Pavement 4 MT 58-28 S	TON
460.6225	HMA Pavement 5 MT 58-28 S	TON
460.6226	HMA Pavement 6 MT 58-28 S	TON
460.6242	HMA Pavement 2 MT 58-34 S	TON
460.6243	HMA Pavement 3 MT 58-34 S	TON
460.6443	HMA Pavement 3 MT 58-34 H	TON
460.6244	HMA Pavement 4 MT 58-34 S	TON
460.6245	HMA Pavement 5 MT 58-34 S	TON
460.6246	HMA Pavement 6 MT 58-34 S	TON
460.6424	HMA Pavement 4 MT 58-28 H	TON
460.6425	HMA Pavement 5 MT 58-28 H	TON
460.6426	HMA Pavement 6 MT 58-28 H	TON
460.6444	HMA Pavement 4 MT 58-34 H	TON
460.6445	HMA Pavement 5 MT 58-34 H	TON
460.6446	HMA Pavement 6 MT 58-34 H	TON
460.6624	HMA Pavement 4 MT 58-28 V	TON
460.6625	HMA Pavement 5 MT 58-28 V	TON
460.6626	HMA Pavement 6 MT 58-28 V	TON

**460.6643 New HMA Pavement MT bid items for V and E mixes.**

460.6643	HMA Pavement 3 MT 58-34 V	TON
460.6644	HMA Pavement 4 MT 58-34 V	TON
460.6645	HMA Pavement 5 MT 58-34 V	TON
460.6646	HMA Pavement 6 MT 58-34 V	TON
460.6844	HMA Pavement 4 MT 58-34 E	TON
460.6845	HMA Pavement 5 MT 58-34 E	TON
460.7222	HMA Pavement 2 HT 58-28 S	TON
460.7223	HMA Pavement 3 HT 58-28 S	TON
460.7224	HMA Pavement 4 HT 58-28 S	TON
460.7225	HMA Pavement 5 HT 58-28 S	TON

## Bid Items

460.7226	HMA Pavement 6 HT 58-28 S	TON
460.7242	HMA Pavement 2 HT 58-34 S	TON
460.7243	HMA Pavement 3 HT 58-34 S	TON
460.7244	HMA Pavement 4 HT 58-34 S	TON
460.7245	HMA Pavement 5 HT 58-34 S	TON
460.7246	HMA Pavement 6 HT 58-34 S	TON
460.7422	HMA Pavement 2 HT 58-28 H	TON
460.7423	HMA Pavement 3 HT 58-28 H	TON
460.7424	HMA Pavement 4 HT 58-28 H	TON
460.7425	HMA Pavement 5 HT 58-28 H	TON
460.7426	HMA Pavement 6 HT 58-28 H	TON
460.7442	HMA Pavement 2 HT 58-34 H	TON
460.7443	HMA Pavement 3 HT 58-34 H	TON
460.7444	HMA Pavement 4 HT 58-34 H	TON
460.7445	HMA Pavement 5 HT 58-34 H	TON
460.7446	HMA Pavement 6 HT 58-34 H	TON
460.7624	HMA Pavement 4 HT 58-28 V	TON
460.7625	HMA Pavement 5 HT 58-28 V	TON
460.7626	HMA Pavement 6 HT 58-28 V	TON

**460.7643 New HMA Pavement HT bid items for V and E mixes.**

460.7643	HMA Pavement 3 HT 58-34 V	TON
460.7644	HMA Pavement 4 HT 58-34 V	TON
460.7645	HMA Pavement 5 HT 58-34 V	TON
460.7646	HMA Pavement 6 HT 58-34 V	TON
460.7844	HMA Pavement 4 HT 58-34 E	TON
460.7845	HMA Pavement 5 HT 58-34 E	TON
460.8424	HMA Pavement 4 SMA 58-28 H	TON
460.8425	HMA Pavement 5 SMA 58-28 H	TON
460.8444	HMA Pavement 4 SMA 58-34 H	TON
460.8445	HMA Pavement 5 SMA 58-34 H	TON
460.8624	HMA Pavement 4 SMA 58-28 V	TON
460.8625	HMA Pavement 5 SMA 58-28 V	TON
460.8644	HMA Pavement 4 SMA 58-34 V	TON
460.8645	HMA Pavement 5 SMA 58-34 V	TON
460.8824	HMA Pavement 4 SMA 58-28 E	TON
460.8825	HMA Pavement 5 SMA 58-28 E	TON
460.8844	HMA Pavement 4 SMA 58-34 E	TON
460.8845	HMA Pavement 5 SMA 58-34 E	TON
465.0105	Asphaltic Surface	TON
465.0110	Asphaltic Surface Patching	TON
465.0115	Asphaltic Surface Detours	TON
465.0120	Asphaltic Surface Driveways and Field Entrances	TON
465.0125	Asphaltic Surface Temporary	TON
465.0305	Asphaltic Surface Safety Islands	TON
465.0310	Asphaltic Curb	LF
465.0315	Asphaltic Flumes	SY
465.0400	Asphaltic Shoulder Rumble Strips	LF
465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF
465.0450	Asphaltic Intersection Rumble Strips	SY
465.0475	Asphaltic Centerline Rumble Strips 2-Lane Rural	LF
475.0100	Seal Coat	CY
475.0105	Seal Coat	TON

## 500 Bid Items

## Bid Items

502.0100	Concrete Masonry Bridges	CY
502.0200	Concrete Masonry Bridges HES	CY
502.1100	Concrete Masonry Seal	CY
502.2000	Compression Joint Sealer Preformed Elastomeric (width)	LF
502.3101	Expansion Device	LF
502.3200	Protective Surface Treatment	SY

<b>502.3205 Add resealing bid items for pigmented surface sealer and protective surface treatment.</b>
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<b>502.3205</b>	<b>Pigmented Surface Sealer Reseal</b>	<b>SY</b>
502.3210	Pigmented Surface Sealer	SY
<b>502.3215</b>	<b>Protective Surface Treatment Reseal</b>	<b>SY</b>
502.4104	Adhesive Anchors 1/2-Inch	EACH
502.4105	Adhesive Anchors 5/8-Inch	EACH
502.4106	Adhesive Anchors 3/4-Inch	EACH
502.4107	Adhesive Anchors 7/8-Inch	EACH
502.4108	Adhesive Anchors 1-Inch	EACH
502.4109	Adhesive Anchors 1 1/8-Inch	EACH
502.4110	Adhesive Anchors 1 1/4-Inch	EACH
502.4111	Adhesive Anchors 1 3/8-Inch	EACH
502.4112	Adhesive Anchors 1 1/2-Inch	EACH
502.4204	Adhesive Anchors No. 4 Bar	EACH
502.4205	Adhesive Anchors No. 5 Bar	EACH
502.4206	Adhesive Anchors No. 6 Bar	EACH
502.4207	Adhesive Anchors No. 7 Bar	EACH
502.4208	Adhesive Anchors No. 8 Bar	EACH
502.4209	Adhesive Anchors No. 9 Bar	EACH
502.4210	Adhesive Anchors No. 10 Bar	EACH
502.6500	Protective Coating Clear	GAL
503.0128	Prestressed Girder Type I 28-Inch	LF
503.0136	Prestressed Girder Type I 36-Inch	LF
503.0137	Prestressed Girder Type I 36W-Inch	LF
503.0145	Prestressed Girder Type I 45-Inch	LF
503.0146	Prestressed Girder Type I 45W-Inch	LF
503.0154	Prestressed Girder Type I 54-Inch	LF
503.0155	Prestressed Girder Type I 54W-Inch	LF
503.0170	Prestressed Girder Type I 70-Inch	LF
503.0172	Prestressed Girder Type I 72W-Inch	LF
503.0182	Prestressed Girder Type I 82W-Inch	LF
504.0100	Concrete Masonry Culverts	CY
504.0200	Concrete Masonry Culverts HES	CY
504.0500	Concrete Masonry Retaining Walls	CY
504.0600	Concrete Masonry Retaining Walls HES	CY
504.0900	Concrete Masonry Endwalls	CY
505.0100	Bar Steel Reinforcement Structures	LB
505.0400	Bar Steel Reinforcement HS Structures	LB
505.0600	Bar Steel Reinforcement HS Coated Structures	LB
505.0904	Bar Couplers No. 4	EACH
505.0905	Bar Couplers No. 5	EACH
505.0906	Bar Couplers No. 6	EACH
505.0907	Bar Couplers No. 7	EACH
505.0908	Bar Couplers No. 8	EACH
505.0909	Bar Couplers No. 9	EACH
505.0910	Bar Couplers No. 10	EACH
505.0911	Bar Couplers No. 11	EACH
506.0105	Structural Steel Carbon	LB

## Bid Items

506.0605	Structural Steel HS	LB
506.1005	Castings Steel	LB
506.1010	Castings Bronze	LB
506.1105	Forgings Steel Carbon	LB
506.1405	Lubricated Plates Bronze	LB
506.1505	Sheet Copper	LB
506.1510	Sheet Zinc	LB
506.2605	Bearing Pads Elastomeric Non-Laminated	EACH
506.2610	Bearing Pads Elastomeric Laminated	EACH
506.3003	Welded Stud Shear Connectors 5/8x4-Inch	EACH
506.3004	Welded Stud Shear Connectors 3/4x4-Inch	EACH
506.3005	Welded Stud Shear Connectors 7/8x4-Inch	EACH
506.3008	Welded Stud Shear Connectors 5/8x5-Inch	EACH
506.3009	Welded Stud Shear Connectors 3/4x5-Inch	EACH
506.3010	Welded Stud Shear Connectors 7/8x5-Inch	EACH
506.3013	Welded Stud Shear Connectors 5/8x6-Inch	EACH
506.3014	Welded Stud Shear Connectors 3/4x6-Inch	EACH
506.3015	Welded Stud Shear Connectors 7/8x6-Inch	EACH
506.3018	Welded Stud Shear Connectors 5/8x7-Inch	EACH
506.3019	Welded Stud Shear Connectors 3/4x7-Inch	EACH
506.3020	Welded Stud Shear Connectors 7/8x7-Inch	EACH
506.3023	Welded Stud Shear Connectors 5/8x8-Inch	EACH
506.3024	Welded Stud Shear Connectors 3/4x8-Inch	EACH
506.3025	Welded Stud Shear Connectors 7/8x8-Inch	EACH
506.3030	Welded Stud Shear Connectors 7/8x9-Inch	EACH
506.3035	Welded Stud Shear Connectors 7/8x10-Inch	EACH
506.4000	Steel Diaphragms (structure)	EACH
506.5000	Bearing Assemblies Fixed (structure)	EACH
506.6000	Bearing Assemblies Expansion (structure)	EACH
507.0200	Treated Lumber and Timber	MBM
509.0200	Preparation Approaches	SY
509.0301	Preparation Decks Type 1	SY
509.0302	Preparation Decks Type 2	SY
509.0500	Cleaning Decks	SY
509.0600	Cleaning Approaches	SY
509.1000	Joint Repair	SY
509.1200	Curb Repair	LF
509.1500	Concrete Surface Repair	SF
509.2000	Full-Depth Deck Repair	SY
509.2500	Concrete Masonry Overlay Decks	CY
509.2600	Concrete Masonry Overlay Approaches	CY
511.1100	Temporary Shoring	SF
511.1200	Temporary Shoring (structure)	SF
511.1300	Temporary Shoring (location)	SF
511.2200	Temporary Shoring Left In Place (structure)	SF
511.2300	Temporary Shoring Left In Place (location)	SF
512.0500	Piling Steel Sheet Permanent Delivered	SF
512.0600	Piling Steel Sheet Permanent Driven	SF
512.1000	Piling Steel Sheet Temporary	SF
513.2001	Railing Pipe	LF
513.4051	Railing Tubular Type F	LF
513.4056	Railing Tubular Type H	LF
513.4061	Railing Tubular Type M	LF
513.4066	Railing Tubular Type PF	LF



## Bid Items

513.4091	Railing Tubular Screening	LF
513.7006	Railing Steel Type C1	LF
513.7011	Railing Steel Type C2	LF
513.7016	Railing Steel Type C3	LF
513.7021	Railing Steel Type C4	LF
513.7026	Railing Steel Type C5	LF
513.7031	Railing Steel Type C6	LF
513.7051	Railing Steel Type W	LF
513.7083	Railing Steel Type NY3	LF
513.7084	Railing Steel Type NY4	LF
513.7093	Railing Steel Type 3T	LF
513.8006	Railing Steel Pedestrian Type C1	LF
513.8011	Railing Steel Pedestrian Type C2	LF
513.8016	Railing Steel Pedestrian Type C3	LF
513.8021	Railing Steel Pedestrian Type C4	LF
513.8026	Railing Steel Pedestrian Type C5	LF
513.8031	Railing Steel Pedestrian Type C6	LF
514.0445	Floor Drains Type GC	EACH
514.0450	Floor Drains Type WF	EACH
514.0460	Floor Drains Type H	EACH
514.0900	Adjusting Floor Drains	EACH
514.1000	Railroad Deck Drain System (railroad structure)	LS
514.2608	Downspout 8-Inch	LF
514.2625	Downspout 6-Inch	LF
515.4000	Steel Grid Floor Open (inch)	SF
515.5000	Steel Grid Floor Concrete Filled (inch)	SF
516.0100	Dampproofing	SY
516.0500	Rubberized Membrane Waterproofing	SY
517.0600	Painting Epoxy System (structure)	LS
517.1000	Painting Epoxy System Steel Truss (structure)	LS
520.1012	Apron Endwalls for Culvert Pipe 12-Inch	EACH
520.1015	Apron Endwalls for Culvert Pipe 15-Inch	EACH
520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH
520.1021	Apron Endwalls for Culvert Pipe 21-Inch	EACH
520.1024	Apron Endwalls for Culvert Pipe 24-Inch	EACH
520.1030	Apron Endwalls for Culvert Pipe 30-Inch	EACH
520.1036	Apron Endwalls for Culvert Pipe 36-Inch	EACH
520.1042	Apron Endwalls for Culvert Pipe 42-Inch	EACH
520.1048	Apron Endwalls for Culvert Pipe 48-Inch	EACH
520.1054	Apron Endwalls for Culvert Pipe 54-Inch	EACH
520.1060	Apron Endwalls for Culvert Pipe 60-Inch	EACH
520.1072	Apron Endwalls for Culvert Pipe 72-Inch	EACH
520.1084	Apron Endwalls for Culvert Pipe 84-Inch	EACH
520.2012	Culvert Pipe Temporary 12-Inch	LF
520.2015	Culvert Pipe Temporary 15-Inch	LF
520.2018	Culvert Pipe Temporary 18-Inch	LF
520.2021	Culvert Pipe Temporary 21-Inch	LF
520.2024	Culvert Pipe Temporary 24-Inch	LF
520.2030	Culvert Pipe Temporary 30-Inch	LF
520.2036	Culvert Pipe Temporary 36-Inch	LF
520.2042	Culvert Pipe Temporary 42-Inch	LF
520.2048	Culvert Pipe Temporary 48-Inch	LF
520.2054	Culvert Pipe Temporary 54-Inch	LF
520.2060	Culvert Pipe Temporary 60-Inch	LF

## Bid Items

520.2072	Culvert Pipe Temporary 72-Inch	LF
520.2084	Culvert Pipe Temporary 84-Inch	LF
520.3142	Culvert Pipe Class III 42-Inch	LF
520.3148	Culvert Pipe Class III 48-Inch	LF
520.3154	Culvert Pipe Class III 54-Inch	LF
520.3160	Culvert Pipe Class III 60-Inch	LF
520.3172	Culvert Pipe Class III 72-Inch	LF
520.3184	Culvert Pipe Class III 84-Inch	LF
520.3312	Culvert Pipe Class III-A 12-Inch	LF
520.3315	Culvert Pipe Class III-A 15-Inch	LF
520.3318	Culvert Pipe Class III-A 18-Inch	LF
520.3321	Culvert Pipe Class III-A 21-Inch	LF
520.3324	Culvert Pipe Class III-A 24-Inch	LF
520.3327	Culvert Pipe Class III-A 27-Inch	LF
520.3330	Culvert Pipe Class III-A 30-Inch	LF
520.3336	Culvert Pipe Class III-A 36-Inch	LF
520.3412	Culvert Pipe Class III-A Non-metal 12-Inch	LF
520.3415	Culvert Pipe Class III-A Non-metal 15-Inch	LF
520.3418	Culvert Pipe Class III-A Non-metal 18-Inch	LF
520.3421	Culvert Pipe Class III-A Non-metal 21-Inch	LF
520.3424	Culvert Pipe Class III-A Non-metal 24-Inch	LF
520.3427	Culvert Pipe Class III-A Non-metal 27-Inch	LF
520.3430	Culvert Pipe Class III-A Non-metal 30-Inch	LF
520.3436	Culvert Pipe Class III-A Non-metal 36-Inch	LF
520.3512	Culvert Pipe Class III-B 12-Inch	LF
520.3515	Culvert Pipe Class III-B 15-Inch	LF
520.3518	Culvert Pipe Class III-B 18-Inch	LF
520.3521	Culvert Pipe Class III-B 21-Inch	LF
520.3524	Culvert Pipe Class III-B 24-Inch	LF
520.3527	Culvert Pipe Class III-B 27-Inch	LF
520.3530	Culvert Pipe Class III-B 30-Inch	LF
520.3536	Culvert Pipe Class III-B 36-Inch	LF
520.3612	Culvert Pipe Class III-B Non-metal 12-Inch	LF
520.3615	Culvert Pipe Class III-B Non-metal 15-Inch	LF
520.3618	Culvert Pipe Class III-B Non-metal 18-Inch	LF
520.3621	Culvert Pipe Class III-B Non-metal 21-Inch	LF
520.3624	Culvert Pipe Class III-B Non-metal 24-Inch	LF
520.3627	Culvert Pipe Class III-B Non-metal 27-Inch	LF
520.3630	Culvert Pipe Class III-B Non-metal 30-Inch	LF
520.3636	Culvert Pipe Class III-B Non-metal 36-Inch	LF
520.4112	Culvert Pipe Class IV 12-Inch	LF
520.4115	Culvert Pipe Class IV 15-Inch	LF
520.4118	Culvert Pipe Class IV 18-Inch	LF
520.4121	Culvert Pipe Class IV 21-Inch	LF
520.4124	Culvert Pipe Class IV 24-Inch	LF
520.4130	Culvert Pipe Class IV 30-Inch	LF
520.4136	Culvert Pipe Class IV 36-Inch	LF
520.4142	Culvert Pipe Class IV 42-Inch	LF
520.4148	Culvert Pipe Class IV 48-Inch	LF
520.4154	Culvert Pipe Class IV 54-Inch	LF
520.4160	Culvert Pipe Class IV 60-Inch	LF
520.4172	Culvert Pipe Class IV 72-Inch	LF
520.4184	Culvert Pipe Class IV 84-Inch	LF
520.5112	Culvert Pipe Class V 12-Inch	LF

## Bid Items

520.5115	Culvert Pipe Class V 15-Inch	LF
520.5118	Culvert Pipe Class V 18-Inch	LF
520.5121	Culvert Pipe Class V 21-Inch	LF
520.5124	Culvert Pipe Class V 24-Inch	LF
520.5130	Culvert Pipe Class V 30-Inch	LF
520.5136	Culvert Pipe Class V 36-Inch	LF
520.5142	Culvert Pipe Class V 42-Inch	LF
520.5148	Culvert Pipe Class V 48-Inch	LF
520.5154	Culvert Pipe Class V 54-Inch	LF
520.5160	Culvert Pipe Class V 60-Inch	LF
520.5172	Culvert Pipe Class V 72-Inch	LF
520.5184	Culvert Pipe Class V 84-Inch	LF
520.8000	Concrete Collars for Pipe	EACH
520.8500	Pipe Cattle Pass	LF
520.8700	Cleaning Culvert Pipes	EACH
521.0336	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 36-Inch 4 to 1	EACH
521.0342	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 42-Inch 4 to 1	EACH
521.0348	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 48-Inch 4 to 1	EACH
521.0354	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 54-Inch 4 to 1	EACH
521.0360	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 60-Inch 4 to 1	EACH
521.0436	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 36-Inch 6 to 1	EACH
521.0442	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 42-Inch 6 to 1	EACH
521.0448	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 48-Inch 6 to 1	EACH
521.0454	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 54-Inch 6 to 1	EACH
521.0460	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 60-Inch 6 to 1	EACH
521.0535	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 35x24-Inch 4 to 1	EACH
521.0542	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 42x29-Inch 4 to 1	EACH
521.0549	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 49x33-Inch 4 to 1	EACH
521.0557	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 57x38-Inch 4 to 1	EACH
521.0564	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 64x43-Inch 4 to 1	EACH
521.0571	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 71x47-Inch 4 to 1	EACH
521.0635	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 35x24-Inch 6 to 1	EACH
521.0642	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 42x29-Inch 6 to 1	EACH
521.0649	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 49x33-Inch 6 to 1	EACH
521.0657	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 57x38-Inch 6 to 1	EACH
521.0664	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 64x43-Inch 6 to 1	EACH
521.0671	Apron Endwalls for Pipe Arch Sloped Cross Drains Steel 71x47-Inch 6 to 1	EACH
521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH
521.1015	Apron Endwalls for Culvert Pipe Steel 15-Inch	EACH
521.1018	Apron Endwalls for Culvert Pipe Steel 18-Inch	EACH
521.1021	Apron Endwalls for Culvert Pipe Steel 21-Inch	EACH
521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH
521.1030	Apron Endwalls for Culvert Pipe Steel 30-Inch	EACH
521.1036	Apron Endwalls for Culvert Pipe Steel 36-Inch	EACH
521.1042	Apron Endwalls for Culvert Pipe Steel 42-Inch	EACH
521.1048	Apron Endwalls for Culvert Pipe Steel 48-Inch	EACH
521.1054	Apron Endwalls for Culvert Pipe Steel 54-Inch	EACH
521.1060	Apron Endwalls for Culvert Pipe Steel 60-Inch	EACH
521.1072	Apron Endwalls for Culvert Pipe Steel 72-Inch	EACH
521.1084	Apron Endwalls for Culvert Pipe Steel 84-Inch	EACH
521.1217	Apron Endwalls for Pipe Arch Steel 17x13-Inch	EACH
521.1221	Apron Endwalls for Pipe Arch Steel 21x15-Inch	EACH
521.1224	Apron Endwalls for Pipe Arch Steel 24x18-Inch	EACH
521.1228	Apron Endwalls for Pipe Arch Steel 28x20-Inch	EACH

## Bid Items

521.1235	Apron Endwalls for Pipe Arch Steel 35x24-Inch	EACH
521.1242	Apron Endwalls for Pipe Arch Steel 42x29-Inch	EACH
521.1249	Apron Endwalls for Pipe Arch Steel 49x33-Inch	EACH
521.1257	Apron Endwalls for Pipe Arch Steel 57x38-Inch	EACH
521.1264	Apron Endwalls for Pipe Arch Steel 64x43-Inch	EACH
521.1271	Apron Endwalls for Pipe Arch Steel 71x47-Inch	EACH
521.1277	Apron Endwalls for Pipe Arch Steel 77x52-Inch	EACH
521.1283	Apron Endwalls for Pipe Arch Steel 83x57-Inch	EACH
521.1502	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 15-Inch 4 to 1	EACH
521.1503	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 4 to 1	EACH
521.1504	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 21-Inch 4 to 1	EACH
521.1505	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 4 to 1	EACH
521.1506	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 30-Inch 4 to 1	EACH
521.1507	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 36-Inch 4 to 1	EACH
521.1508	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 42-Inch 4 to 1	EACH
521.1509	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 48-Inch 4 to 1	EACH
521.1510	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 54-Inch 4 to 1	EACH
521.1511	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 60-Inch 4 to 1	EACH
521.1515	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 15-Inch 6 to 1	EACH
521.1518	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	EACH
521.1521	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 21-Inch 6 to 1	EACH
521.1524	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 6 to 1	EACH
521.1530	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 30-Inch 6 to 1	EACH
521.1536	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 36-Inch 6 to 1	EACH
521.1542	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 42-Inch 6 to 1	EACH
521.1548	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 48-Inch 6 to 1	EACH
521.1554	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 54-Inch 6 to 1	EACH
521.1560	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 60-Inch 6 to 1	EACH
521.1615	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 15-Inch 10 to 1	EACH
521.1618	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 10 to 1	EACH
521.1621	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 21-Inch 10 to 1	EACH
521.1624	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 10 to 1	EACH
521.1630	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 30-Inch 10 to 1	EACH
521.1636	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 36-Inch 10 to 1	EACH
521.1704	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 17x13-Inch 4 to 1	EACH
521.1705	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 21x15-Inch 4 to 1	EACH
521.1706	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 24x18-Inch 4 to 1	EACH
521.1707	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 28x20-Inch 4 to 1	EACH
521.1708	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 35x24-Inch 4 to 1	EACH
521.1709	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 42x29-Inch 4 to 1	EACH
521.1710	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 49x33-Inch 4 to 1	EACH
521.1711	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 57x38-Inch 4 to 1	EACH
521.1712	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 64x43-Inch 4 to 1	EACH
521.1717	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 17x13-Inch 6 to 1	EACH
521.1721	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 21x15-Inch 6 to 1	EACH
521.1724	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 24x18-Inch 6 to 1	EACH
521.1728	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 28x20-Inch 6 to 1	EACH
521.1735	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 35x24-Inch 6 to 1	EACH
521.1742	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 42x29-Inch 6 to 1	EACH
521.1749	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 49x33-Inch 6 to 1	EACH
521.1757	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 57x38-Inch 6 to 1	EACH
521.1764	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 64x43-Inch 6 to 1	EACH
521.1817	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 17x13-Inch 10 to 1	EACH
521.1821	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 21x15-Inch 10 to 1	EACH

## Bid Items

521.1824	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 24x18-Inch 10 to 1	EACH
521.1828	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 28x20-Inch 10 to 1	EACH
521.1835	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 35x24-Inch 10 to 1	EACH
521.1842	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 42x29-Inch 10 to 1	EACH
521.1900	Pipe Cattle Pass Corrugated Steel	LF
521.3112	Culvert Pipe Corrugated Steel 12-Inch	LF
521.3115	Culvert Pipe Corrugated Steel 15-Inch	LF
521.3118	Culvert Pipe Corrugated Steel 18-Inch	LF
521.3121	Culvert Pipe Corrugated Steel 21-Inch	LF
521.3124	Culvert Pipe Corrugated Steel 24-Inch	LF
521.3130	Culvert Pipe Corrugated Steel 30-Inch	LF
521.3136	Culvert Pipe Corrugated Steel 36-Inch	LF
521.3142	Culvert Pipe Corrugated Steel 42-Inch	LF
521.3148	Culvert Pipe Corrugated Steel 48-Inch	LF
521.3154	Culvert Pipe Corrugated Steel 54-Inch	LF
521.3160	Culvert Pipe Corrugated Steel 60-Inch	LF
521.3172	Culvert Pipe Corrugated Steel 72-Inch	LF
521.3184	Culvert Pipe Corrugated Steel 84-Inch	LF
521.3196	Culvert Pipe Corrugated Steel 96-Inch	LF
521.3717	Pipe Arch Corrugated Steel 17x13-Inch	LF
521.3721	Pipe Arch Corrugated Steel 21x15-Inch	LF
521.3724	Pipe Arch Corrugated Steel 24x18-Inch	LF
521.3728	Pipe Arch Corrugated Steel 28x20-Inch	LF
521.3735	Pipe Arch Corrugated Steel 35x24-Inch	LF
521.3742	Pipe Arch Corrugated Steel 42x29-Inch	LF
521.3749	Pipe Arch Corrugated Steel 49x33-Inch	LF
521.3757	Pipe Arch Corrugated Steel 57x38-Inch	LF
521.3764	Pipe Arch Corrugated Steel 64x43-Inch	LF
521.3771	Pipe Arch Corrugated Steel 71x47-Inch	LF
521.3777	Pipe Arch Corrugated Steel 77x52-Inch	LF
521.3783	Pipe Arch Corrugated Steel 83x57-Inch	LF
521.5112	Culvert Pipe Corrugated Steel Polymer Coated 12-Inch	LF
521.5115	Culvert Pipe Corrugated Steel Polymer Coated 15-Inch	LF
521.5118	Culvert Pipe Corrugated Steel Polymer Coated 18-Inch	LF
521.5121	Culvert Pipe Corrugated Steel Polymer Coated 21-Inch	LF
521.5124	Culvert Pipe Corrugated Steel Polymer Coated 24-Inch	LF
521.5130	Culvert Pipe Corrugated Steel Polymer Coated 30-Inch	LF
521.5136	Culvert Pipe Corrugated Steel Polymer Coated 36-Inch	LF
521.5142	Culvert Pipe Corrugated Steel Polymer Coated 42-Inch	LF
521.5148	Culvert Pipe Corrugated Steel Polymer Coated 48-Inch	LF
521.5154	Culvert Pipe Corrugated Steel Polymer Coated 54-Inch	LF
521.5160	Culvert Pipe Corrugated Steel Polymer Coated 60-Inch	LF
521.5172	Culvert Pipe Corrugated Steel Polymer Coated 72-Inch	LF
521.5184	Culvert Pipe Corrugated Steel Polymer Coated 84-Inch	LF
521.5196	Culvert Pipe Corrugated Steel Polymer Coated 96-Inch	LF
521.5717	Pipe Arch Polymer Coated Corrugated Steel 17x13-Inch	LF
521.5721	Pipe Arch Polymer Coated Corrugated Steel 21x15-Inch	LF
521.5724	Pipe Arch Polymer Coated Corrugated Steel 24x18-Inch	LF
521.5728	Pipe Arch Polymer Coated Corrugated Steel 28x20-Inch	LF
521.5735	Pipe Arch Polymer Coated Corrugated Steel 35x24-Inch	LF
521.5742	Pipe Arch Polymer Coated Corrugated Steel 42x29-Inch	LF
521.5749	Pipe Arch Polymer Coated Corrugated Steel 49x33-Inch	LF
521.5757	Pipe Arch Polymer Coated Corrugated Steel 57x38-Inch	LF
521.5764	Pipe Arch Polymer Coated Corrugated Steel 64x43-Inch	LF

## Bid Items

521.5771	Pipe Arch Polymer Coated Corrugated Steel 71x47-Inch	LF
521.5777	Pipe Arch Polymer Coated Corrugated Steel 77x52-Inch	LF
521.5783	Pipe Arch Polymer Coated Corrugated Steel 83x57-Inch	LF
521.6112	Culvert Pipe Corrugated Steel Aluminum Coated 12-Inch	LF
521.6115	Culvert Pipe Corrugated Steel Aluminum Coated 15-Inch	LF
521.6118	Culvert Pipe Corrugated Steel Aluminum Coated 18-Inch	LF
521.6121	Culvert Pipe Corrugated Steel Aluminum Coated 21-Inch	LF
521.6124	Culvert Pipe Corrugated Steel Aluminum Coated 24-Inch	LF
521.6130	Culvert Pipe Corrugated Steel Aluminum Coated 30-Inch	LF
521.6136	Culvert Pipe Corrugated Steel Aluminum Coated 36-Inch	LF
521.6142	Culvert Pipe Corrugated Steel Aluminum Coated 42-Inch	LF
521.6148	Culvert Pipe Corrugated Steel Aluminum Coated 48-Inch	LF
521.6154	Culvert Pipe Corrugated Steel Aluminum Coated 54-Inch	LF
521.6160	Culvert Pipe Corrugated Steel Aluminum Coated 60-Inch	LF
521.6172	Culvert Pipe Corrugated Steel Aluminum Coated 72-Inch	LF
521.6184	Culvert Pipe Corrugated Steel Aluminum Coated 84-Inch	LF
521.6196	Culvert Pipe Corrugated Steel Aluminum Coated 96-Inch	LF
521.6717	Pipe Arch Corrugated Steel Aluminum Coated 17x13-Inch	LF
521.6721	Pipe Arch Corrugated Steel Aluminum Coated 21x15-Inch	LF
521.6724	Pipe Arch Corrugated Steel Aluminum Coated 24x18-Inch	LF
521.6728	Pipe Arch Corrugated Steel Aluminum Coated 28x20-Inch	LF
521.6735	Pipe Arch Corrugated Steel Aluminum Coated 35x24-Inch	LF
521.6742	Pipe Arch Corrugated Steel Aluminum Coated 42x29-Inch	LF
521.6749	Pipe Arch Corrugated Steel Aluminum Coated 49x33-Inch	LF
521.6757	Pipe Arch Corrugated Steel Aluminum Coated 57x38-Inch	LF
521.6764	Pipe Arch Corrugated Steel Aluminum Coated 64x43-Inch	LF
521.6771	Pipe Arch Corrugated Steel Aluminum Coated 71x47-Inch	LF
521.6777	Pipe Arch Corrugated Steel Aluminum Coated 77x52-Inch	LF
521.6783	Pipe Arch Corrugated Steel Aluminum Coated 83x57-Inch	LF
522.0112	Culvert Pipe Reinforced Concrete Class III 12-Inch	LF
522.0115	Culvert Pipe Reinforced Concrete Class III 15-Inch	LF
522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF
522.0121	Culvert Pipe Reinforced Concrete Class III 21-Inch	LF
522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF
522.0127	Culvert Pipe Reinforced Concrete Class III 27-Inch	LF
522.0130	Culvert Pipe Reinforced Concrete Class III 30-Inch	LF
522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF
522.0142	Culvert Pipe Reinforced Concrete Class III 42-Inch	LF
522.0148	Culvert Pipe Reinforced Concrete Class III 48-Inch	LF
522.0154	Culvert Pipe Reinforced Concrete Class III 54-Inch	LF
522.0160	Culvert Pipe Reinforced Concrete Class III 60-Inch	LF
522.0166	Culvert Pipe Reinforced Concrete Class III 66-Inch	LF
522.0172	Culvert Pipe Reinforced Concrete Class III 72-Inch	LF
522.0178	Culvert Pipe Reinforced Concrete Class III 78-Inch	LF
522.0184	Culvert Pipe Reinforced Concrete Class III 84-Inch	LF
522.0190	Culvert Pipe Reinforced Concrete Class III 90-Inch	LF
522.0196	Culvert Pipe Reinforced Concrete Class III 96-Inch	LF
522.0202	Culvert Pipe Reinforced Concrete Class III 102-Inch	LF
522.0208	Culvert Pipe Reinforced Concrete Class III 108-Inch	LF
522.0412	Culvert Pipe Reinforced Concrete Class IV 12-Inch	LF
522.0415	Culvert Pipe Reinforced Concrete Class IV 15-Inch	LF
522.0418	Culvert Pipe Reinforced Concrete Class IV 18-Inch	LF
522.0421	Culvert Pipe Reinforced Concrete Class IV 21-Inch	LF
522.0424	Culvert Pipe Reinforced Concrete Class IV 24-Inch	LF

## Bid Items

522.0427	Culvert Pipe Reinforced Concrete Class IV 27-Inch	LF
522.0430	Culvert Pipe Reinforced Concrete Class IV 30-Inch	LF
522.0436	Culvert Pipe Reinforced Concrete Class IV 36-Inch	LF
522.0442	Culvert Pipe Reinforced Concrete Class IV 42-Inch	LF
522.0448	Culvert Pipe Reinforced Concrete Class IV 48-Inch	LF
522.0454	Culvert Pipe Reinforced Concrete Class IV 54-Inch	LF
522.0460	Culvert Pipe Reinforced Concrete Class IV 60-Inch	LF
522.0466	Culvert Pipe Reinforced Concrete Class IV 66-Inch	LF
522.0472	Culvert Pipe Reinforced Concrete Class IV 72-Inch	LF
522.0478	Culvert Pipe Reinforced Concrete Class IV 78-Inch	LF
522.0484	Culvert Pipe Reinforced Concrete Class IV 84-Inch	LF
522.0512	Culvert Pipe Reinforced Concrete Class V 12-Inch	LF
522.0515	Culvert Pipe Reinforced Concrete Class V 15-Inch	LF
522.0518	Culvert Pipe Reinforced Concrete Class V 18-Inch	LF
522.0521	Culvert Pipe Reinforced Concrete Class V 21-Inch	LF
522.0524	Culvert Pipe Reinforced Concrete Class V 24-Inch	LF
522.0527	Culvert Pipe Reinforced Concrete Class V 27-Inch	LF
522.0530	Culvert Pipe Reinforced Concrete Class V 30-Inch	LF
522.0536	Culvert Pipe Reinforced Concrete Class V 36-Inch	LF
522.0542	Culvert Pipe Reinforced Concrete Class V 42-Inch	LF
522.0548	Culvert Pipe Reinforced Concrete Class V 48-Inch	LF
522.0554	Culvert Pipe Reinforced Concrete Class V 54-Inch	LF
522.0560	Culvert Pipe Reinforced Concrete Class V 60-Inch	LF
522.0566	Culvert Pipe Reinforced Concrete Class V 66-Inch	LF
522.0572	Culvert Pipe Reinforced Concrete Class V 72-Inch	LF
522.0584	Culvert Pipe Reinforced Concrete Class V 84-Inch	LF
522.1012	Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	EACH
522.1015	Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	EACH
522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH
522.1021	Apron Endwalls for Culvert Pipe Reinforced Concrete 21-Inch	EACH
522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH
522.1027	Apron Endwalls for Culvert Pipe Reinforced Concrete 27-Inch	EACH
522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH
522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH
522.1042	Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	EACH
522.1048	Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	EACH
522.1054	Apron Endwalls for Culvert Pipe Reinforced Concrete 54-Inch	EACH
522.1060	Apron Endwalls for Culvert Pipe Reinforced Concrete 60-Inch	EACH
522.1066	Apron Endwalls for Culvert Pipe Reinforced Concrete 66-Inch	EACH
522.1072	Apron Endwalls for Culvert Pipe Reinforced Concrete 72-Inch	EACH
522.1084	Apron Endwalls for Culvert Pipe Reinforced Concrete 84-Inch	EACH
522.1500	Pipe Cattle Pass Reinforced Concrete	LF
522.2314	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 14x23-Inch	LF
522.2319	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	LF
522.2324	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	LF
522.2329	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	LF
522.2334	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	LF
522.2338	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	LF
522.2343	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 43x68-Inch	LF
522.2348	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 48x76-Inch	LF
522.2353	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 53x83-Inch	LF
522.2358	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 58x91-Inch	LF
522.2363	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 63x98-Inch	LF
522.2368	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 68x106-Inch	LF

## Bid Items

522.2414	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	LF
522.2419	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF
522.2424	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF
522.2429	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	LF
522.2434	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch	LF
522.2614	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	EACH
522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH
522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH
522.2629	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	EACH
522.2634	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 34x53-Inch	EACH
522.2638	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 38x60-Inch	EACH
522.2643	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 43x68-Inch	EACH
522.2648	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76-Inch	EACH
522.2653	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 53x83-Inch	EACH
522.2658	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 58x91-Inch	EACH
522.2663	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 63x98-Inch	EACH
522.2668	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 68x106-Inch	EACH
524.0112	Culvert Pipe Salvaged 12-Inch	LF
524.0115	Culvert Pipe Salvaged 15-Inch	LF
524.0118	Culvert Pipe Salvaged 18-Inch	LF
524.0121	Culvert Pipe Salvaged 21-Inch	LF
524.0124	Culvert Pipe Salvaged 24-Inch	LF
524.0127	Culvert Pipe Salvaged 27-Inch	LF
524.0130	Culvert Pipe Salvaged 30-Inch	LF
524.0133	Culvert Pipe Salvaged 33-Inch	LF
524.0136	Culvert Pipe Salvaged 36-Inch	LF
524.0142	Culvert Pipe Salvaged 42-Inch	LF
524.0148	Culvert Pipe Salvaged 48-Inch	LF
524.0154	Culvert Pipe Salvaged 54-Inch	LF
524.0160	Culvert Pipe Salvaged 60-Inch	LF
524.0166	Culvert Pipe Salvaged 66-Inch	LF
524.0172	Culvert Pipe Salvaged 72-Inch	LF
524.0178	Culvert Pipe Salvaged 78-Inch	LF
524.0184	Culvert Pipe Salvaged 84-Inch	LF
524.0190	Culvert Pipe Salvaged 90-Inch	LF
524.0196	Culvert Pipe Salvaged 96-Inch	LF
524.0202	Culvert Pipe Salvaged 102-Inch	LF
524.0208	Culvert Pipe Salvaged 108-Inch	LF
524.0612	Apron Endwalls for Culvert Pipe Salvaged 12-Inch	EACH
524.0615	Apron Endwalls for Culvert Pipe Salvaged 15-Inch	EACH
524.0618	Apron Endwalls for Culvert Pipe Salvaged 18-Inch	EACH
524.0621	Apron Endwalls for Culvert Pipe Salvaged 21-Inch	EACH
524.0624	Apron Endwalls for Culvert Pipe Salvaged 24-Inch	EACH
524.0627	Apron Endwalls for Culvert Pipe Salvaged 27-Inch	EACH
524.0630	Apron Endwalls for Culvert Pipe Salvaged 30-Inch	EACH
524.0633	Apron Endwalls for Culvert Pipe Salvaged 33-Inch	EACH
524.0636	Apron Endwalls for Culvert Pipe Salvaged 36-Inch	EACH
524.0642	Apron Endwalls for Culvert Pipe Salvaged 42-Inch	EACH
524.0648	Apron Endwalls for Culvert Pipe Salvaged 48-Inch	EACH
524.0654	Apron Endwalls for Culvert Pipe Salvaged 54-Inch	EACH
524.0660	Apron Endwalls for Culvert Pipe Salvaged 60-Inch	EACH
524.0666	Apron Endwalls for Culvert Pipe Salvaged 66-Inch	EACH
524.0672	Apron Endwalls for Culvert Pipe Salvaged 72-Inch	EACH
524.0678	Apron Endwalls for Culvert Pipe Salvaged 78-Inch	EACH



## Bid Items

524.0684	Apron Endwalls for Culvert Pipe Salvaged 84-Inch	EACH
524.0800	Pipe Cattle Pass Salvaged	LF
524.0900	Pipe Arch Salvaged Corrugated Steel (rise x span)	LF
525.0112	Culvert Pipe Corrugated Aluminum 12-Inch	LF
525.0115	Culvert Pipe Corrugated Aluminum 15-Inch	LF
525.0118	Culvert Pipe Corrugated Aluminum 18-Inch	LF
525.0121	Culvert Pipe Corrugated Aluminum 21-Inch	LF
525.0124	Culvert Pipe Corrugated Aluminum 24-Inch	LF
525.0130	Culvert Pipe Corrugated Aluminum 30-Inch	LF
525.0136	Culvert Pipe Corrugated Aluminum 36-Inch	LF
525.0142	Culvert Pipe Corrugated Aluminum 42-Inch	LF
525.0148	Culvert Pipe Corrugated Aluminum 48-Inch	LF
525.0154	Culvert Pipe Corrugated Aluminum 54-Inch	LF
525.0160	Culvert Pipe Corrugated Aluminum 60-Inch	LF
525.0172	Culvert Pipe Corrugated Aluminum 72-Inch	LF
525.0184	Culvert Pipe Corrugated Aluminum 84-Inch	LF
525.0312	Apron Endwalls for Culvert Pipe Aluminum 12-Inch	EACH
525.0315	Apron Endwalls for Culvert Pipe Aluminum 15-Inch	EACH
525.0318	Apron Endwalls for Culvert Pipe Aluminum 18-Inch	EACH
525.0321	Apron Endwalls for Culvert Pipe Aluminum 21-Inch	EACH
525.0324	Apron Endwalls for Culvert Pipe Aluminum 24-Inch	EACH
525.0330	Apron Endwalls for Culvert Pipe Aluminum 30-Inch	EACH
525.0336	Apron Endwalls for Culvert Pipe Aluminum 36-Inch	EACH
525.0342	Apron Endwalls for Culvert Pipe Aluminum 42-Inch	EACH
525.0348	Apron Endwalls for Culvert Pipe Aluminum 48-Inch	EACH
525.0354	Apron Endwalls for Culvert Pipe Aluminum 54-Inch	EACH
525.0360	Apron Endwalls for Culvert Pipe Aluminum 60-Inch	EACH
525.0372	Apron Endwalls for Culvert Pipe Aluminum 72-Inch	EACH
525.0384	Apron Endwalls for Culvert Pipe Aluminum 84-Inch	EACH
526.0100	Temporary Structure (station)	LS
527.0160	Pipe Structural Plate 60-Inch	LF
527.0172	Pipe Structural Plate 72-Inch	LF
527.0184	Pipe Structural Plate 84-Inch	LF
527.0196	Pipe Structural Plate 96-Inch	LF
527.0208	Pipe Structural Plate 108-Inch	LF
527.0220	Pipe Structural Plate 120-Inch	LF
527.0232	Pipe Structural Plate 132-Inch	LF
527.0244	Pipe Structural Plate 144-Inch	LF
527.0256	Pipe Structural Plate 156-Inch	LF
527.0268	Pipe Structural Plate 168-Inch	LF
527.0280	Pipe Structural Plate 180-Inch	LF
527.0305	Pipe Arch Structural Plate 6-FT Span	LF
527.0310	Pipe Arch Structural Plate 7-FT Span	LF
527.0315	Pipe Arch Structural Plate 8-FT Span	LF
527.0320	Pipe Arch Structural Plate 9-FT Span	LF
527.0325	Pipe Arch Structural Plate 10-FT Span	LF
527.0330	Pipe Arch Structural Plate 11-FT Span	LF
527.0335	Pipe Arch Structural Plate 12-FT Span	LF
527.0340	Pipe Arch Structural Plate 13-FT Span	LF
527.0345	Pipe Arch Structural Plate 14-FT Span	LF
527.0350	Pipe Arch Structural Plate 15-FT Span	LF
527.0355	Pipe Arch Structural Plate 16-FT Span	LF
527.0360	Pipe Arch Structural Plate 16.5-FT Span	LF
530.0112	Culvert Pipe Corrugated Polyethylene 12-Inch	LF

## Bid Items

530.0115	Culvert Pipe Corrugated Polyethylene 15-Inch	LF
530.0118	Culvert Pipe Corrugated Polyethylene 18-Inch	LF
530.0124	Culvert Pipe Corrugated Polyethylene 24-Inch	LF
530.0130	Culvert Pipe Corrugated Polyethylene 30-Inch	LF
530.0136	Culvert Pipe Corrugated Polyethylene 36-Inch	LF
530.1112	Culvert Pipe Corrugated Polypropylene 12-Inch	LF
530.1115	Culvert Pipe Corrugated Polypropylene 15-Inch	LF
530.1118	Culvert Pipe Corrugated Polypropylene 18-Inch	LF
530.1121	Culvert Pipe Corrugated Polypropylene 21-Inch	LF
530.1124	Culvert Pipe Corrugated Polypropylene 24-Inch	LF
530.1127	Culvert Pipe Corrugated Polypropylene 27-Inch	LF
530.1130	Culvert Pipe Corrugated Polypropylene 30-Inch	LF
530.1136	Culvert Pipe Corrugated Polypropylene 36-Inch	LF
531.1100	Concrete Masonry Ancillary Structures Type NS	CY
531.1140	Steel Reinforcement HS Ancillary Structures Type NS	LB
531.1160	Steel Reinforcement HS Coated Ancillary Structures Type NS	LB
531.2015	Drilling Shaft 15-Inch	LF
531.2020	Drilling Shaft 20-Inch	LF
531.2024	Drilling Shaft 24-Inch	LF
531.2030	Drilling Shaft 30-Inch	LF
531.2032	Drilling Shaft 32-Inch	LF
531.2036	Drilling Shaft 36-Inch	LF
531.2042	Drilling Shaft 42-Inch	LF
531.2048	Drilling Shaft 48-Inch	LF
531.2054	Drilling Shaft 54-Inch	LF
531.4030	Foundation Camera Pole 30-FT	EACH
531.4050	Foundation Camera Pole 50-FT	EACH
531.4080	Foundation Camera Pole 80-FT	EACH
531.4500	Foundation High Mast 100-FT (structure)	EACH
531.4510	Foundation High Mast 110-FT (structure)	EACH
531.4520	Foundation High Mast 120-FT (structure)	EACH
531.4530	Foundation High Mast 130-FT (structure)	EACH
531.4540	Foundation High Mast 140-FT (structure)	EACH
531.4550	Foundation High Mast 150-FT (structure)	EACH
531.5110	Foundation Single-Shaft Type MC-I (structure)	EACH
531.5120	Foundation Single-Shaft Type MC-II (structure)	EACH
531.5130	Foundation Single-Shaft Type MC-III (structure)	EACH
531.5140	Foundation Single-Shaft Type MC-IV (structure)	EACH
531.5210	Foundation Single-Shaft Type MF-I (structure)	EACH
531.5220	Foundation Single-Shaft Type MF-II (structure)	EACH
531.5310	Foundation Single-Shaft Type TC-I (structure)	EACH
531.5320	Foundation Single-Shaft Type TC-II (structure)	EACH
531.5330	Foundation Single-Shaft Type TC-III (structure)	EACH
531.5340	Foundation Single-Shaft Type TC-IV (structure)	EACH
531.5410	Foundation Single-Shaft Type TF-I (structure)	EACH
531.5420	Foundation Single-Shaft Type TF-II (structure)	EACH
531.5430	Foundation Single-Shaft Type TF-III (structure)	EACH
531.5440	Foundation Single-Shaft Type TF-IV (structure)	EACH
531.6010	Foundation Two-Shaft Type FC-I (structure)	EACH
531.6020	Foundation Two-Shaft Type FC-II (structure)	EACH
531.6110	Foundation Two-Shaft Type FF-I (structure)	EACH
531.6120	Foundation Two-Shaft Type FF-II (structure)	EACH
531.6130	Foundation Two-Shaft Type FF-III (structure)	EACH
531.6140	Foundation Two-Shaft Type FF-IV (structure)	EACH

## Bid Items

531.6150	Foundation Two-Shaft Type FF-V (structure)	EACH
531.8990	Anchor Assemblies Poles on Structures	EACH
532.4500	High Mast 100-FT (structure)	EACH
532.4510	High Mast 110-FT (structure)	EACH
532.4520	High Mast 120-FT (structure)	EACH
532.4530	High Mast 130-FT (structure)	EACH
532.4540	High Mast 140-FT (structure)	EACH
532.4550	High Mast 150-FT (structure)	EACH
532.5000	Sign Structure Mounted (structure)	EACH
532.5020	Butterfly 2-Chord NS (structure)	EACH
532.5040	Butterfly 4-Chord NS (structure)	EACH
532.5100	Monotube Cantilever Type NS (structure)	EACH
532.5110	Monotube Cantilever Type I (structure)	EACH
532.5120	Monotube Cantilever Type II (structure)	EACH
532.5130	Monotube Cantilever Type III (structure)	EACH
532.5140	Monotube Cantilever Type IV (structure)	EACH
532.5200	Monotube Full Span Type NS (structure)	EACH
532.5210	Monotube Full Span Type I (structure)	EACH
532.5220	Monotube Full Span Type II (structure)	EACH
532.5300	Truss Cantilever 2-Chord Type NS (structure)	EACH
532.5310	Truss Cantilever 2-Chord Type I (structure)	EACH
532.5320	Truss Cantilever 2-Chord Type II (structure)	EACH
532.5330	Truss Cantilever 2-Chord Type III (structure)	EACH
532.5340	Truss Cantilever 2-Chord Type IV (structure)	EACH
532.5400	Truss Full Span 2-Chord Type NS (structure)	EACH
532.5410	Truss Full Span 2-Chord Type I (structure)	EACH
532.5420	Truss Full Span 2-Chord Type II (structure)	EACH
532.5430	Truss Full Span 2-Chord Type III (structure)	EACH
532.5440	Truss Full Span 2-Chord Type IV (structure)	EACH
532.6000	Truss Cantilever 4-Chord Type NS (structure)	EACH
532.6010	Truss Cantilever 4-Chord Type I (structure)	EACH
532.6020	Truss Cantilever 4-Chord Type II (structure)	EACH
532.6100	Truss Full Span 4-Chord Type NS (structure)	EACH
532.6110	Truss Full Span 4-Chord Type I (structure)	EACH
532.6120	Truss Full Span 4-Chord Type II (structure)	EACH
532.6130	Truss Full Span 4-Chord Type III (structure)	EACH
532.6140	Truss Full Span 4-Chord Type IV (structure)	EACH
532.6150	Truss Full Span 4-Chord Type V (structure)	EACH
550.0010	Pre-boring Unconsolidated Materials	LF
550.0020	Pre-Boring Rock or Consolidated Materials	LF
550.0500	Pile Points	EACH
550.0600	Pile Redriving	EACH
550.1100	Piling Steel HP 10-Inch X 42 Lb	LF
550.1120	Piling Steel HP 12-Inch X 53 Lb	LF
550.1125	Piling Steel HP 12-Inch X 74 Lb	LF
550.1140	Piling Steel HP 14-Inch X 73 Lb	LF
550.2102	Piling CIP Concrete 10 3/4 X 0.219-Inch	LF
550.2104	Piling CIP Concrete 10 3/4 X 0.25-Inch	LF
550.2106	Piling CIP Concrete 10 3/4 X 0.365-Inch	LF
550.2108	Piling CIP Concrete 10 3/4 X 0.50-Inch	LF
550.2122	Piling CIP Concrete 12 3/4 X 0.219-Inch	LF
550.2124	Piling CIP Concrete 12 3/4 X 0.25-Inch	LF
550.2126	Piling CIP Concrete 12 3/4 X 0.375-Inch	LF
550.2128	Piling CIP Concrete 12 3/4 X 0.50-Inch	LF

## Bid Items

550.2142	Piling CIP Concrete 14 X 0.219-Inch	LF
550.2144	Piling CIP Concrete 14 X 0.25-Inch	LF
550.2146	Piling CIP Concrete 14 X 0.375-Inch	LF
550.2148	Piling CIP Concrete 14 X 0.50-Inch	LF
550.2162	Piling CIP Concrete 16 X 0.219-Inch	LF
550.2164	Piling CIP Concrete 16 X 0.25-Inch	LF
550.2166	Piling CIP Concrete 16 X 0.375-Inch	LF
550.2168	Piling CIP Concrete 16 X 0.50-Inch	LF
550.3100	Piling Precast Concrete 10-Inch	LF
550.3120	Piling Precast Concrete 12-Inch	LF
550.3140	Piling Precast Concrete 14-Inch	LF
550.3160	Piling Precast Concrete 16-Inch	LF
550.3810	Pile Splices Precast Concrete 10-Inch	EACH
550.3812	Pile Splices Precast Concrete 12-Inch	EACH
550.3814	Pile Splices Precast Concrete 14-Inch	EACH
550.3816	Pile Splices Precast Concrete 16-Inch	EACH

## 600 Bid Items

601.0105	Concrete Curb Type A	LF
601.0110	Concrete Curb Type D	LF
601.0115	Concrete Curb Type G	LF
601.0120	Concrete Curb Type J	LF
601.0150	Concrete Curb Integral Type D	LF
601.0155	Concrete Curb Integral Type J	LF
601.0205	Concrete Gutter 24-Inch	LF
601.0319	Concrete Curb & Gutter 19-Inch	LF
601.0322	Concrete Curb & Gutter 22-Inch	LF
601.0331	Concrete Curb & Gutter 31-Inch	LF
601.0342	Concrete Curb & Gutter Integral 18-Inch	LF
601.0344	Concrete Curb & Gutter Integral 36-Inch	LF
601.0405	Concrete Curb & Gutter 18-Inch Type A	LF
601.0407	Concrete Curb & Gutter 18-Inch Type D	LF
601.0409	Concrete Curb & Gutter 30-Inch Type A	LF
601.0411	Concrete Curb & Gutter 30-Inch Type D	LF
601.0413	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type G	LF
601.0415	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	LF
601.0417	Concrete Curb & Gutter 30-Inch Type K	LF
601.0419	Concrete Curb & Gutter 30-Inch Type L	LF
601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF
601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF
601.0456	Concrete Curb & Gutter Integral 30-Inch Type L	LF
601.0501	Concrete Curb & Gutter Integral 4-Inch Sloped 36-Inch	LF
601.0511	Concrete Curb & Gutter Integral 6-Inch Sloped 36-Inch	LF
601.0551	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	LF
601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF
601.0555	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF
601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF
601.0574	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type G	LF
601.0576	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type J	LF

**601.0578 Add 30-inch curb & gutter bid items for use on round about truck aprons.**

601.0578	Concrete Curb & Gutter 3-Inch Sloped 30-Inch Type R	LF
601.0579	Concrete Curb & Gutter 3-Inch Sloped 30-Inch Type T	LF
601.0580	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	LF
601.0581	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type R	LF
601.0582	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type T	LF

## Bid Items

601.0583	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type T	LF
601.0584	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type TBT	LF
601.0586	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type TBTT	LF
601.0588	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBT	LF
601.0590	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBTT	LF
601.0600	Concrete Curb Pedestrian	LF
602.0405	Concrete Sidewalk 4-Inch	SF
602.0410	Concrete Sidewalk 5-Inch	SF
602.0415	Concrete Sidewalk 6-Inch	SF
602.0420	Concrete Sidewalk 7-Inch	SF
602.0505	Curb Ramp Detectable Warning Field Yellow	SF
602.0510	Curb Ramp Detectable Warning Field White	SF
602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF
602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF
602.0610	Curb Ramp Detectable Warning Field Radial White	SF
602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF
602.1000	Concrete Loading Zone	SF
602.1500	Concrete Steps	SF
602.2400	Concrete Safety Islands	SF
603.0105	Concrete Barrier Single-Faced 32-Inch	LF
603.0205	Concrete Barrier Double-Faced 32-Inch	LF
603.0405	Concrete Barrier Transition Section 32-Inch	LF
603.1132	Concrete Barrier Type S32	LF
603.1136	Concrete Barrier Type S36	LF
603.1142	Concrete Barrier Type S42	LF
603.1156	Concrete Barrier Type S56	LF
603.1232	Concrete Barrier Type S32A	LF
603.1236	Concrete Barrier Type S36A	LF
603.1242	Concrete Barrier Type S42A	LF
603.1256	Concrete Barrier Type S56A	LF
603.1332	Concrete Barrier Type S32B	LF
603.1336	Concrete Barrier Type S36B	LF
603.1342	Concrete Barrier Type S42B	LF
603.1356	Concrete Barrier Type S56B	LF
603.1432	Concrete Barrier Type S32C	LF
603.1436	Concrete Barrier Type S36C	LF
603.1442	Concrete Barrier Type S42C	LF
603.1456	Concrete Barrier Type S56C	LF
603.2132	Concrete Barrier Fixed Object Protection Type S32	LF
603.2136	Concrete Barrier Fixed Object Protection Type S36	LF
603.2142	Concrete Barrier Fixed Object Protection Type S42	LF
603.2156	Concrete Barrier Fixed Object Protection Type S56	LF
603.3111	Concrete Barrier Transition Type NJ32SF to S32	EACH
603.3113	Concrete Barrier Transition Type NJ32SF to S36	EACH
603.3155	Concrete Barrier Transition Type NJ42SF to S42	EACH
603.3175	Concrete Barrier Transition Type NJ51SF to S42	EACH
603.3211	Concrete Barrier Transition Type F32SF to S32	EACH
603.3213	Concrete Barrier Transition Type F32SF to S36	EACH
603.3255	Concrete Barrier Transition Type F42SF to S42	EACH
603.3275	Concrete Barrier Transition Type F51SF to S42	EACH
603.3279	Concrete Barrier Transition Type F51SF to S56	EACH
603.3311	Concrete Barrier Transition Type NJ32DF to S32	EACH
603.3313	Concrete Barrier Transition Type NJ32DF to S36	EACH
603.3355	Concrete Barrier Transition Type NJ42DF to S42	EACH

## Bid Items

603.3375	Concrete Barrier Transition Type NJ51DF to S42	EACH
603.3411	Concrete Barrier Transition Type F32DF to S32	EACH
603.3413	Concrete Barrier Transition Type F32DF to S36	EACH
603.3455	Concrete Barrier Transition Type F42DF to S42	EACH
603.3475	Concrete Barrier Transition Type F51DF to S42	EACH
603.3513	Concrete Barrier Transition Type S32 to S36	EACH
603.3535	Concrete Barrier Transition Type S36 to S42	EACH
603.3559	Concrete Barrier Transition Type S42 to S56	EACH
603.3611	Concrete Barrier Transition Type V32 to S32	EACH
603.3613	Concrete Barrier Transition Type V32 to S36	EACH
603.3655	Concrete Barrier Transition Type V42 to S42	EACH
603.3675	Concrete Barrier Transition Type V51 to S42	EACH
603.3699	Concrete Barrier Transition Type V56 to S56	EACH
603.8000	Concrete Barrier Temporary Precast Delivered	LF
603.8125	Concrete Barrier Temporary Precast Installed	LF
603.8500	Anchoring Concrete Barrier Temporary Precast	LF
603.8505	Anchoring Concrete Barrier Temporary Precast on Bridge Decks	LF
604.0400	Slope Paving Concrete	SY
604.0500	Slope Paving Crushed Aggregate	SY
604.0600	Slope Paving Select Crushed Material	SY
606.0050	Riprap Extra-Light	CY
606.0100	Riprap Light	CY
606.0200	Riprap Medium	CY
606.0300	Riprap Heavy	CY
606.0400	Riprap Extra-Heavy	CY
606.0500	Grouted Riprap Light	CY
606.0600	Grouted Riprap Medium	CY
606.0700	Grouted Riprap Heavy	CY
606.0800	Grouted Riprap Extra-Heavy	CY
608.0005	Storm Sewer Rock Excavation	CY
608.0106	Relaid Storm Sewer 6-Inch	LF
608.0108	Relaid Storm Sewer 8-Inch	LF
608.0110	Relaid Storm Sewer 10-Inch	LF
608.0112	Relaid Storm Sewer 12-Inch	LF
608.0115	Relaid Storm Sewer 15-Inch	LF
608.0118	Relaid Storm Sewer 18-Inch	LF
608.0121	Relaid Storm Sewer 21-Inch	LF
608.0124	Relaid Storm Sewer 24-Inch	LF
608.0127	Relaid Storm Sewer 27-Inch	LF
608.0130	Relaid Storm Sewer 30-Inch	LF
608.0136	Relaid Storm Sewer 36-Inch	LF
608.0142	Relaid Storm Sewer 42-Inch	LF
608.0148	Relaid Storm Sewer 48-Inch	LF
608.0154	Relaid Storm Sewer 54-Inch	LF
608.0160	Relaid Storm Sewer 60-Inch	LF
608.0166	Relaid Storm Sewer 66-Inch	LF
608.0172	Relaid Storm Sewer 72-Inch	LF
608.0178	Relaid Storm Sewer 78-Inch	LF
608.0184	Relaid Storm Sewer 84-Inch	LF
608.0190	Relaid Storm Sewer 90-Inch	LF
608.0196	Relaid Storm Sewer 96-Inch	LF
608.0212	Storm Sewer Pipe Reinforced Concrete Class II 12-Inch	LF
608.0215	Storm Sewer Pipe Reinforced Concrete Class II 15-Inch	LF
608.0218	Storm Sewer Pipe Reinforced Concrete Class II 18-Inch	LF

## Bid Items

608.0221	Storm Sewer Pipe Reinforced Concrete Class II 21-Inch	LF
608.0224	Storm Sewer Pipe Reinforced Concrete Class II 24-Inch	LF
608.0227	Storm Sewer Pipe Reinforced Concrete Class II 27-Inch	LF
608.0230	Storm Sewer Pipe Reinforced Concrete Class II 30-Inch	LF
608.0236	Storm Sewer Pipe Reinforced Concrete Class II 36-Inch	LF
608.0242	Storm Sewer Pipe Reinforced Concrete Class II 42-Inch	LF
608.0248	Storm Sewer Pipe Reinforced Concrete Class II 48-Inch	LF
608.0254	Storm Sewer Pipe Reinforced Concrete Class II 54-Inch	LF
608.0260	Storm Sewer Pipe Reinforced Concrete Class II 60-Inch	LF
608.0266	Storm Sewer Pipe Reinforced Concrete Class II 66-Inch	LF
608.0272	Storm Sewer Pipe Reinforced Concrete Class II 72-Inch	LF
608.0278	Storm Sewer Pipe Reinforced Concrete Class II 78-Inch	LF
608.0284	Storm Sewer Pipe Reinforced Concrete Class II 84-Inch	LF
608.0290	Storm Sewer Pipe Reinforced Concrete Class II 90-Inch	LF
608.0296	Storm Sewer Pipe Reinforced Concrete Class II 96-Inch	LF
608.0297	Storm Sewer Pipe Reinforced Concrete Class II 102-Inch	LF
608.0298	Storm Sewer Pipe Reinforced Concrete Class II 108-Inch	LF
608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF
608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF
608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF
608.0321	Storm Sewer Pipe Reinforced Concrete Class III 21-Inch	LF
608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF
608.0327	Storm Sewer Pipe Reinforced Concrete Class III 27-Inch	LF
608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF
608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF
608.0342	Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	LF
608.0348	Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	LF
608.0354	Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	LF
608.0360	Storm Sewer Pipe Reinforced Concrete Class III 60-Inch	LF
608.0366	Storm Sewer Pipe Reinforced Concrete Class III 66-Inch	LF
608.0372	Storm Sewer Pipe Reinforced Concrete Class III 72-Inch	LF
608.0378	Storm Sewer Pipe Reinforced Concrete Class III 78-Inch	LF
608.0384	Storm Sewer Pipe Reinforced Concrete Class III 84-Inch	LF
608.0390	Storm Sewer Pipe Reinforced Concrete Class III 90-Inch	LF
608.0396	Storm Sewer Pipe Reinforced Concrete Class III 96-Inch	LF
608.0397	Storm Sewer Pipe Reinforced Concrete Class III 102-Inch	LF
608.0398	Storm Sewer Pipe Reinforced Concrete Class III 108-Inch	LF
608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF
608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF
608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF
608.0421	Storm Sewer Pipe Reinforced Concrete Class IV 21-Inch	LF
608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF
608.0427	Storm Sewer Pipe Reinforced Concrete Class IV 27-Inch	LF
608.0430	Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	LF
608.0436	Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	LF
608.0442	Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	LF
608.0448	Storm Sewer Pipe Reinforced Concrete Class IV 48-Inch	LF
608.0454	Storm Sewer Pipe Reinforced Concrete Class IV 54-Inch	LF
608.0460	Storm Sewer Pipe Reinforced Concrete Class IV 60-Inch	LF
608.0466	Storm Sewer Pipe Reinforced Concrete Class IV 66-Inch	LF
608.0472	Storm Sewer Pipe Reinforced Concrete Class IV 72-Inch	LF
608.0478	Storm Sewer Pipe Reinforced Concrete Class IV 78-Inch	LF
608.0484	Storm Sewer Pipe Reinforced Concrete Class IV 84-Inch	LF
608.0512	Storm Sewer Pipe Reinforced Concrete Class V 12-Inch	LF

## Bid Items

608.0515	Storm Sewer Pipe Reinforced Concrete Class V 15-Inch	LF
608.0518	Storm Sewer Pipe Reinforced Concrete Class V 18-Inch	LF
608.0521	Storm Sewer Pipe Reinforced Concrete Class V 21-Inch	LF
608.0524	Storm Sewer Pipe Reinforced Concrete Class V 24-Inch	LF
608.0527	Storm Sewer Pipe Reinforced Concrete Class V 27-Inch	LF
608.0530	Storm Sewer Pipe Reinforced Concrete Class V 30-Inch	LF
608.0536	Storm Sewer Pipe Reinforced Concrete Class V 36-Inch	LF
608.0542	Storm Sewer Pipe Reinforced Concrete Class V 42-Inch	LF
608.0548	Storm Sewer Pipe Reinforced Concrete Class V 48-Inch	LF
608.0554	Storm Sewer Pipe Reinforced Concrete Class V 54-Inch	LF
608.0560	Storm Sewer Pipe Reinforced Concrete Class V 60-Inch	LF
608.0566	Storm Sewer Pipe Reinforced Concrete Class V 66-Inch	LF
608.0572	Storm Sewer Pipe Reinforced Concrete Class V 72-Inch	LF
608.2314	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 14x23-Inch	LF
608.2319	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	LF
608.2324	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	LF
608.2329	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	LF
608.2334	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	LF
608.2338	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	LF
608.2343	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 43x68-Inch	LF
608.2348	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 48x76-Inch	LF
608.2353	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 53x83-Inch	LF
608.2358	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 58x91-Inch	LF
608.2363	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 63x98-Inch	LF
608.2368	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 68x106-Inch	LF
608.2414	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	LF
608.2419	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF
608.2424	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF
608.2429	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	LF
608.2434	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch	LF
608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF
608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF
608.3018	Storm Sewer Pipe Class III-A 18-Inch	LF
608.3021	Storm Sewer Pipe Class III-A 21-Inch	LF
608.3024	Storm Sewer Pipe Class III-A 24-Inch	LF
608.3027	Storm Sewer Pipe Class III-A 27-Inch	LF
608.3030	Storm Sewer Pipe Class III-A 30-Inch	LF
608.3036	Storm Sewer Pipe Class III-A 36-Inch	LF
608.3612	Storm Sewer Pipe Class III-B 12-Inch	LF
608.3615	Storm Sewer Pipe Class III-B 15-Inch	LF
608.3618	Storm Sewer Pipe Class III-B 18-Inch	LF
608.3621	Storm Sewer Pipe Class III-B 21-Inch	LF
608.3624	Storm Sewer Pipe Class III-B 24-Inch	LF
608.3627	Storm Sewer Pipe Class III-B 27-Inch	LF
608.3630	Storm Sewer Pipe Class III-B 30-Inch	LF
608.3636	Storm Sewer Pipe Class III-B 36-Inch	LF
608.6008	Storm Sewer Pipe Composite 8-Inch	LF
608.6010	Storm Sewer Pipe Composite 10-Inch	LF
608.6012	Storm Sewer Pipe Composite 12-Inch	LF
608.6015	Storm Sewer Pipe Composite 15-Inch	LF
611.0410	Reconstructing Catch Basins	EACH
611.0420	Reconstructing Manholes	EACH
611.0430	Reconstructing Inlets	EACH
611.0530	Manhole Covers Type J	EACH



## Bid Items

611.0535	Manhole Covers Type J-Special	EACH
611.0540	Manhole Covers Type K	EACH
611.0545	Manhole Covers Type L	EACH
611.0550	Manhole Covers Type M	EACH
611.0552	Manhole Covers Type M-Communications	EACH
611.0555	Manhole Covers Type Q	EACH
611.0557	Manhole Covers Type Q-Communications	EACH
611.0600	Inlet Covers Type A	EACH
611.0603	Inlet Covers Type A-S	EACH
611.0606	Inlet Covers Type B	EACH
611.0609	Inlet Covers Type B-A	EACH
611.0610	Inlet Covers Type BW	EACH
611.0612	Inlet Covers Type C	EACH
611.0615	Inlet Covers Type F	EACH
611.0624	Inlet Covers Type H	EACH
611.0627	Inlet Covers Type HM	EACH
611.0630	Inlet Covers Type HM-GJ	EACH
611.0633	Inlet Covers Type HM-GJ-S	EACH
611.0636	Inlet Covers Type HM-S	EACH
611.0639	Inlet Covers Type H-S	EACH
611.0642	Inlet Covers Type MS	EACH
611.0645	Inlet Covers Type MS-A	EACH
611.0648	Inlet Covers Type R	EACH
611.0651	Inlet Covers Type S	EACH
611.0652	Inlet Covers Type T	EACH
611.0654	Inlet Covers Type V	EACH
611.0657	Inlet Covers Type W	EACH
611.0660	Inlet Covers Type WM	EACH
611.0663	Inlet Covers Type X	EACH
611.0666	Inlet Covers Type Z	EACH
611.1003	Catch Basins 3-FT Diameter	EACH
611.1004	Catch Basins 4-FT Diameter	EACH
611.1005	Catch Basins 5-FT Diameter	EACH
611.1006	Catch Basins 6-FT Diameter	EACH
611.1230	Catch Basins 2x3-FT	EACH
611.1253	Catch Basins 2.5x3-FT	EACH
611.2003	Manholes 3-FT Diameter	EACH
611.2004	Manholes 4-FT Diameter	EACH
611.2005	Manholes 5-FT Diameter	EACH
611.2006	Manholes 6-FT Diameter	EACH
611.2007	Manholes 7-FT Diameter	EACH
611.2008	Manholes 8-FT Diameter	EACH
611.2033	Manholes 3x3-FT	EACH
611.2044	Manholes 4x4-FT	EACH
611.2055	Manholes 5x5-FT	EACH
611.2066	Manholes 6x6-FT	EACH
611.2104	Manholes Communication 4-FT Diameter	EACH
611.2504	Manholes Variable Tee 4-FT Diameter	EACH
611.2604	Manholes Variable Special 4-FT Diameter	EACH
611.3003	Inlets 3-FT Diameter	EACH
611.3004	Inlets 4-FT Diameter	EACH
611.3220	Inlets 2x2-FT	EACH
611.3225	Inlets 2x2.5-FT	EACH
611.3230	Inlets 2x3-FT	EACH

## Bid Items

611.3253	Inlets 2.5x3-FT	EACH
611.3901	Inlets Median 1 Grate	EACH
611.3902	Inlets Median 2 Grate	EACH
611.3903	Inlets Median 3 Grate	EACH
611.3904	Inlets Median 4 Grate	EACH
611.8105	Adjusting Catch Basin Covers	EACH
611.8110	Adjusting Manhole Covers	EACH
611.8115	Adjusting Inlet Covers	EACH
611.9705	Salvaged Manhole Covers	EACH
611.9710	Salvaged Inlet Covers	EACH
612.0104	Pipe Underdrain 4-Inch	LF
612.0106	Pipe Underdrain 6-Inch	LF
612.0108	Pipe Underdrain 8-Inch	LF
612.0110	Pipe Underdrain 10-Inch	LF
612.0112	Pipe Underdrain 12-Inch	LF
612.0115	Pipe Underdrain 15-Inch	LF
612.0118	Pipe Underdrain 18-Inch	LF
612.0121	Pipe Underdrain 21-Inch	LF
612.0204	Pipe Underdrain Unperforated 4-Inch	LF
612.0206	Pipe Underdrain Unperforated 6-Inch	LF
612.0208	Pipe Underdrain Unperforated 8-Inch	LF
612.0210	Pipe Underdrain Unperforated 10-Inch	LF
612.0212	Pipe Underdrain Unperforated 12-Inch	LF
612.0215	Pipe Underdrain Unperforated 15-Inch	LF
612.0218	Pipe Underdrain Unperforated 18-Inch	LF
612.0221	Pipe Underdrain Unperforated 21-Inch	LF
612.0404	Pipe Underdrain Wrapped 4-Inch	LF
612.0406	Pipe Underdrain Wrapped 6-Inch	LF
612.0408	Pipe Underdrain Wrapped 8-Inch	LF
612.0410	Pipe Underdrain Wrapped 10-Inch	LF
612.0412	Pipe Underdrain Wrapped 12-Inch	LF
612.0415	Pipe Underdrain Wrapped 15-Inch	LF
612.0504	Pipe Underdrain Wrapped and Plowed 4-Inch	LF
612.0506	Pipe Underdrain Wrapped and Plowed 6-Inch	LF
612.0600	Underdrain Trench	LF
612.0700	Drain Tile Exploration	LF
612.0804	Apron Endwalls for Underdrain Reinforced Concrete 4-Inch	EACH
612.0806	Apron Endwalls for Underdrain Reinforced Concrete 6-Inch	EACH
614.0010	Barrier System Grading Shaping Finishing	EACH
614.0115	Anchorage for Steel Plate Beam Guard Type 2	EACH
614.0150	Anchor Assemblies for Steel Plate Beam Guard	EACH
614.0200	Steel Thrie Beam Structure Approach	LF
614.0212	Steel Thrie Beam Structure Approach Retrofit Cantilever Blunt End	EACH
614.0213	Steel Thrie Beam Structure Approach Retrofit Cantilever Sloped End	EACH
614.0215	Steel Thrie Beam Structure Approach Retrofit Span	EACH
614.0216	Steel Thrie Beam Structure Approach Retrofit Post	EACH
614.0220	Steel Thrie Beam Bullnose Terminal	EACH
614.0230	Steel Thrie Beam	LF
614.0250	Steel Thrie Beam Structure Approach Temporary	LF
614.0305	Steel Plate Beam Guard Class A	LF
614.0340	Steel Plate Beam Guard Over Low-Fill Culverts Class A	LF
614.0345	Steel Plate Beam Guard Short Radius	LF
614.0360	Steel Plate Beam Guard Temporary	LF
614.0370	Steel Plate Beam Guard Energy Absorbing Terminal	EACH

## Bid Items

614.0380	Steel Plate Beam guard Energy Absorbing Terminal Temporary	EACH
614.0390	Steel Plate Beam Guard Short Radius Terminal	EACH
614.0395	Guardrail Mow Strip Concrete	SY
614.0396	Guardrail Mow Strip Asphalt	SY
614.0397	Guardrail Mow Strip Emulsified Asphalt	SY
614.0400	Adjusting Steel Plate Beam Guard	LF
614.0510	Guardrail Stiffened NW	LF
614.0515	Guardrail Stiffened LHW	LF
614.0700	Sand Barrel Arrays	EACH
614.0800	Crash Cushions Permanent	EACH
614.0805	Crash Cushions Permanent Low Maintenance	EACH
614.0905	Crash Cushions Temporary	EACH
614.0920	Salvaged Rail	LF
614.0925	Salvaged Guardrail End Treatments	EACH
614.0930	Salvaged Crash Cushions	EACH
614.0935	Salvaged Sand Barrels	EACH
614.0950	Replacing Guardrail Posts and Blocks	EACH
614.0951	Replacing Guardrail Rail and Hardware	LF
614.0952	Replacing Guardrail Reflectors	EACH
614.1000	MGS Guardrail Temporary	LF
614.1100	MGS Guardrail Temporary Thrie Beam Transition	LF
614.1200	MGS Guardrail Temporary Terminal EAT	EACH
614.2300	MGS Guardrail 3	LF
614.2310	MGS Guardrail 3 HS	LF
614.2320	MGS Guardrail 3 QS	LF
614.2330	MGS Guardrail 3 K	LF
614.2340	MGS Guardrail 3 L	LF

**614.2345 New MGS Guardrail bid item for short long-spans that can be used with curb.**

614.2345	MGS Guardrail 3 SL	LF
614.2350	MGS Guardrail Short Radius	LF
614.2500	MGS Thrie Beam Transition	LF
614.2610	MGS Guardrail Terminal EAT	EACH
614.2620	MGS Guardrail Terminal Type 2	EACH
614.2630	MGS Guardrail Short Radius Terminal	EACH
614.8010	Anchor Post Assembly Top Mount	EACH
615.0100	Guard Fence Timber Rail	LF
615.0200	Curbs Treated Timber	EACH
615.0300	Guard Posts Timber	EACH
615.0400	Marker Posts Rustic	EACH
615.1000	Wisconsin Historical Marker	EACH
616.0100	Fence Woven Wire (height)	LF
616.0204	Fence Chain Link 4-FT	LF
616.0205	Fence Chain Link 5-FT	LF
616.0206	Fence Chain Link 6-FT	LF
616.0207	Fence Chain Link 7-FT	LF
616.0208	Fence Chain Link 8-FT	LF
616.0210	Fence Chain Link 10-FT	LF
616.0329	Gates Chain Link (width)	EACH
616.0404	Fence Chain Link Salvaged 4-FT	LF
616.0405	Fence Chain Link Salvaged 5-FT	LF
616.0406	Fence Chain Link Salvaged 6-FT	LF
616.0407	Fence Chain Link Salvaged 7-FT	LF
616.0408	Fence Chain Link Salvaged 8-FT	LF
616.0410	Fence Chain Link Salvaged 10-FT	LF

## Bid Items

618.0100	Maintenance and Repair of Haul Roads (project)	EACH
619.1000	Mobilization	EACH
620.0100	Concrete Corrugated Median	SF
620.0200	Concrete Median Blunt Nose	SF
620.0300	Concrete Median Sloped Nose	SF
621.0100	Landmark Reference Monuments	EACH
621.1100	Landmark Reference Monuments and Cast Iron Covers	EACH
621.1200	Landmark Reference Monuments and Aluminum Covers	EACH
623.0200	Dust Control Surface Treatment	SY
624.0100	Water	MGAL
625.0100	Topsoil	SY
625.0105	Topsoil	CY
625.0500	Salvaged Topsoil	SY
626.0200	Peat Humus	SY
627.0200	Mulching	SY
627.0205	Mulching	TON
628.1104	Erosion Bales	EACH
628.1504	Silt Fence	LF
628.1520	Silt Fence Maintenance	LF
628.1550	Silt Screen	LF
628.1905	Mobilizations Erosion Control	EACH
628.1910	Mobilizations Emergency Erosion Control	EACH
628.1920	Cleaning Sediment Basins	CY
628.2002	Erosion Mat Class I Type A	SY
628.2004	Erosion Mat Class I Type B	SY
628.2006	Erosion Mat Urban Class I Type A	SY
628.2008	Erosion Mat Urban Class I Type B	SY
628.2021	Erosion Mat Class II Type A	SY
628.2023	Erosion Mat Class II Type B	SY
628.2027	Erosion Mat Class II Type C	SY
628.2031	Erosion Mat Class III Type A	SY
628.2033	Erosion Mat Class III Type B	SY
628.2037	Erosion Mat Class III Type C	SY
628.2039	Erosion Mat Class III Type D	SY
628.5505	Polyethylene Sheeting	SY
628.6005	Turbidity Barriers	SY
628.6505	Soil Stabilizer Type A	ACRE
628.6510	Soil Stabilizer Type B	ACRE
628.7005	Inlet Protection Type A	EACH
628.7010	Inlet Protection Type B	EACH
628.7015	Inlet Protection Type C	EACH
628.7020	Inlet Protection Type D	EACH
628.7504	Temporary Ditch Checks	LF
628.7555	Culvert Pipe Checks	EACH
628.7560	Tracking Pads	EACH
628.7570	Rock Bags	EACH
629.0205	Fertilizer Type A	CWT
629.0210	Fertilizer Type B	CWT
629.1100	Agricultural Limestone Treatment	TON
630.0110	Seeding Mixture No. 10	LB
630.0120	Seeding Mixture No. 20	LB
630.0130	Seeding Mixture No. 30	LB
630.0140	Seeding Mixture No. 40	LB
630.0160	Seeding Mixture No. 60	LB

## Bid Items

630.0170	Seeding Mixture No. 70	LB
630.0171	Seeding Mixture No. 70A	LB
630.0175	Seeding Mixture No. 75	LB
630.0180	Seeding Mixture No. 80	LB
630.0200	Seeding Temporary	LB
630.0300	Seeding Borrow Pit	LB
630.0400	Seeding Nurse Crop	LB
630.0500	Seed Water	MGAL
631.0300	Sod Water	MGAL
631.1000	Sod Lawn	SY
631.1100	Sod Erosion Control	SY
631.1200	Sod Erosion Control Sandy Soil	SY
632.0101	Trees (species, root, size)	EACH
632.0201	Shrubs (species, root, size)	EACH
632.0301	Vines (species, root, size)	EACH
632.9101	Landscape Planting Surveillance and Care Cycles	EACH
633.0100	Delineator Posts Steel	EACH
633.0200	Delineators Flexible	EACH
633.0500	Delineator Reflectors	EACH
633.1000	Delineators Barrier Wall	EACH
633.1100	Delineators Temporary	EACH
633.5100	Markers ROW	EACH
633.5200	Markers Culvert End	EACH
633.5350	Markers Permanent Flexible	EACH
633.9010	Salvaged Delineator Steel	EACH
634.0612	Posts Wood 4x6-Inch x 12-FT	EACH
634.0614	Posts Wood 4x6-Inch x 14-FT	EACH
634.0616	Posts Wood 4x6-Inch x 16-FT	EACH
634.0618	Posts Wood 4x6-Inch x 18-FT	EACH
634.0620	Posts Wood 4x6-Inch x 20-FT	EACH
634.0622	Posts Wood 4x6-Inch x 22-FT	EACH
634.0624	Posts Wood 4x6-Inch x 24-FT	EACH
634.0801	Posts Tubular Steel 2x2-Inch x 1.5-FT	EACH
634.0803	Posts Tubular Steel 2x2-Inch x 3-FT	EACH
634.0805	Posts Tubular Steel 2x2-Inch x 5-FT	EACH
634.0808	Posts Tubular Steel 2x2-Inch x 8-FT	EACH
634.0809	Posts Tubular Steel 2x2-Inch x 9.5-FT	EACH
634.0810	Posts Tubular Steel 2x2-Inch x 10-FT	EACH
634.0811	Posts Tubular Steel 2x2-Inch x 11-FT	EACH
634.0812	Posts Tubular Steel 2x2-Inch x 12-FT	EACH
634.0814	Posts Tubular Steel 2x2-Inch x 14-FT	EACH
634.0816	Posts Tubular Steel 2x2-Inch x 16-FT	EACH
634.0818	Posts Tubular Steel 2x2-Inch x 18-FT	EACH
634.0885	Posts Tubular Steel 2x2-Inch x 8.5-FT	EACH
635.0200	Sign Supports Structural Steel HS	LB
635.0300	Sign Supports Replacing Base Connection Bolts	EACH
637.0620	Sign Flags Permanent Type II	EACH
637.1210	Signs Type I Reflective H	SF
637.1220	Signs Type I Reflective SH	SF
637.1230	Signs Type I Reflective F	SF
637.2110	Signs Type II Non Reflective	SF
637.2115	Signs Type II Non Reflective Folding	SF
637.2210	Signs Type II Reflective H	SF
637.2215	Signs Type II Reflective H Folding	SF

## Bid Items

637.2220	Signs Type II Reflective SH	SF
637.2225	Signs Type II Reflective SH Folding	SF
637.2230	Signs Type II Reflective F	SF
637.2235	Signs Type II Reflective F Folding	SF
637.5453	Barricades Permanent Type III	EACH
638.2101	Moving Signs Type I	EACH
638.2102	Moving Signs Type II	EACH
638.2601	Removing Signs Type I	EACH
638.2602	Removing Signs Type II	EACH
638.3000	Removing Small Sign Supports	EACH
638.3100	Removing Structural Steel Sign Supports	EACH

**638.3150 Retire Removing Overhead Sign Support items now under the 204 Removing Ancillary Structures bid items.**

638.3210	Revising Signs Type I Demountable	EACH
638.3215	Revising Signs Type I Non-Removable	EACH
638.3610	Erecting State Owned Signs Type I	EACH
638.3620	Erecting State Owned Signs Type II	EACH
638.4000	Moving Small Sign Supports	EACH
638.4100	Moving Structural Steel Sign Supports	EACH
639.0106	Drill Hole in Earth 6-Inch	LF
639.0108	Drill Hole in Earth 8-Inch	LF
639.0110	Drill Hole in Earth 10-Inch	LF
639.0112	Drill Hole in Earth 12-Inch	LF
639.0504	Drill Hole in Rock 4-Inch	LF
639.0506	Drill Hole in Rock 6-Inch	LF
639.0508	Drill Hole in Rock 8-Inch	LF
639.0510	Drill Hole in Rock 10-Inch	LF
639.0512	Drill Hole in Rock 12-Inch	LF
639.1004	Well Casing Pipe 4-Inch	LF
639.1006	Well Casing Pipe 6-Inch	LF
639.1008	Well Casing Pipe 8-Inch	LF
639.1010	Well Casing Pipe 10-Inch	LF
639.1012	Well Casing Pipe 12-Inch	LF
639.1700	Well Screen	LF
639.2100	Grout for Sealing Well Casing	CF
639.2500	Pump and Well Platform	EACH
639.3000	Wayside Well Shelter	EACH
639.4000	Test Pumping	EACH
642.5001	Field Office Type B	EACH
642.5201	Field Office Type C	EACH
642.5401	Field Office Type D	EACH
642.6001	Field Laboratory	EACH
643.0300	Traffic Control Drums	DAY
643.0405	Traffic Control Barricades Type I	DAY
643.0410	Traffic Control Barricades Type II	DAY
643.0420	Traffic Control Barricades Type III	DAY
643.0500	Traffic Control Flexible Tubular Marker Posts	EACH
643.0600	Traffic Control Flexible Tubular Marker Bases	EACH
643.0705	Traffic Control Warning Lights Type A	DAY
643.0710	Traffic Control Warning Lights Type B	DAY
643.0715	Traffic Control Warning Lights Type C	DAY
643.0800	Traffic Control Arrow Boards	DAY
643.0900	Traffic Control Signs	DAY
643.0910	Traffic Control Covering Signs Type I	EACH
643.0920	Traffic Control Covering Signs Type II	EACH

## Bid Items

643.1000	Traffic Control Signs Fixed Message	SF
643.1050	Traffic Control Signs PCMS	DAY
643.1051	Traffic Control Signs PCMS with Cellular Communications	DAY
643.1070	Traffic Control Cones 42-Inch	DAY
643.5000	Traffic Control	EACH
644.1410	Temporary Pedestrian Surface Asphalt	SF
644.1420	Temporary Pedestrian Surface Plywood	SF
644.1430	Temporary Pedestrian Surface Plate	SF
644.1601	Temporary Pedestrian Curb Ramp	DAY
644.1810	Temporary Pedestrian Barricade	LF
645.0105	Geotextile Type C	SY
645.0111	Geotextile Type DF Schedule A	SY
645.0112	Geotextile Type DF Schedule B	SY
645.0113	Geotextile Type DF Schedule C	SY
645.0115	Geotextile Type ES	SY
645.0120	Geotextile Type HR	SY
645.0125	Geotextile Type MS	SY
645.0130	Geotextile Type R	SY
645.0135	Geotextile Type SR	SY
645.0140	Geotextile Type SAS	SY
645.0220	Geogrid Type SR	SY
645.0240	Geogrid Type MR	SY
645.0260	Geogrid Type SSR	SY
646.1005	Marking Line Paint 4-Inch	LF
646.1020	Marking Line Epoxy 4-Inch	LF
646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF
646.1050	Marking Line Grooved Permanent Tape 4-Inch	LF
646.1545	Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	LF
646.1555	Marking Line Grooved Contrast Permanent Tape 4-Inch	LF
646.3005	Marking Line Paint 8-Inch	LF
646.3020	Marking Line Epoxy 8-Inch	LF
646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF
646.3050	Marking Line Grooved Permanent Tape 8-Inch	LF
646.3545	Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch	LF
646.3555	Marking Line Grooved Contrast Permanent Tape 8-Inch	LF
646.4505	Marking Line Same Day Paint 4-Inch	LF
646.4520	Marking Line Same Day Epoxy 4-Inch	LF
646.4605	Marking Line Same Day Paint 8-Inch	LF
646.4620	Marking Line Same Day Epoxy 8-Inch	LF
646.5005	Marking Arrow Paint	EACH
646.5020	Marking Arrow Epoxy	EACH
646.5105	Marking Word Paint	EACH
646.5120	Marking Word Epoxy	EACH
646.5205	Marking Symbol Paint	EACH
646.5220	Marking Symbol Epoxy	EACH
646.5305	Marking Railroad Crossing Paint	EACH
646.5320	Marking Railroad Crossing Epoxy	EACH
646.5420	Marking Aerial Enforcement Bar Epoxy	EACH
646.5520	Marking Outfall Epoxy	EACH
646.6005	Marking Stop Line Paint 12-Inch	LF
646.6020	Marking Stop Line Epoxy 12-Inch	LF
646.6105	Marking Stop Line Paint 18-Inch	LF
646.6120	Marking Stop Line Epoxy 18-Inch	LF
646.6205	Marking Yield Line Paint 18-Inch	EACH

## Bid Items

646.6220	Marking Yield Line Epoxy 18-Inch	EACH
646.6305	Marking Dotted Extension Paint 18-Inch	LF
646.6320	Marking Dotted Extension Epoxy 18-Inch	LF
646.6464	Cold Weather Marking Epoxy 4-Inch	LF
646.6468	Cold Weather Marking Epoxy 8-Inch	LF
646.7005	Marking Diagonal Paint 6-Inch	LF
646.7020	Marking Diagonal Epoxy 6-Inch	LF
646.7105	Marking Diagonal Paint 12-Inch	LF
646.7120	Marking Diagonal Epoxy 12-Inch	LF
646.7205	Marking Chevron Paint 24-Inch	LF
646.7220	Marking Chevron Epoxy 24-Inch	LF
646.7405	Marking Crosswalk Paint Transverse Line 6-Inch	LF
646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF
646.7505	Marking Crosswalk Paint Block Style 24-Inch	LF
646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF
646.8005	Marking Corrugated Median Paint	SF
646.8020	Marking Corrugated Median Epoxy	SF
646.8105	Marking Curb Paint	LF
646.8120	Marking Curb Epoxy	LF
646.8205	Marking Island Nose Paint	EACH
646.8220	Marking Island Nose Epoxy	EACH
646.8305	Marking Parking Stall Paint	LF
646.8320	Marking Parking Stall Epoxy	LF
646.9000	Marking Removal Line 4-Inch	LF
646.9010	Marking Removal Line Water Blasting 4-Inch	LF

**646.9050 Add bid items for removing grooved-in regular and contrast permanent tape pavement marking.**

646.9050	Marking Removal Line Grooved Permanent Tape 4-Inch	LF
646.9055	Marking Removal Line Grooved Contrast Permanent Tape 4-Inch	LF
646.9100	Marking Removal Line 8-Inch	LF
646.9110	Marking Removal Line Water Blasting 8-Inch	LF
646.9200	Marking Removal Line Wide	LF
646.9210	Marking Removal Line Water Blasting Wide	LF
646.9150	Marking Removal Line Grooved Permanent Tape 8-Inch	LF
646.9155	Marking Removal Line Grooved Contrast Permanent Tape 8-Inch	LF
646.9300	Marking Removal Special Marking	EACH
646.9310	Marking Removal Special Marking Water Blasting	EACH
646.9400	Marking Removal Plowable Raised Pavement Markers	EACH
648.0100	Locating No-Passing Zones	MI
649.0105	Temporary Marking Line Paint 4-Inch	LF
649.0120	Temporary Marking Line Epoxy 4-Inch	LF
649.0150	Temporary Marking Line Removable Tape 4-Inch	LF
649.0155	Temporary Marking Line Removable Contrast Tape 4-Inch	LF
649.0205	Temporary Marking Line Paint 8-Inch	LF
649.0220	Temporary Marking Line Epoxy 8-Inch	LF
649.0250	Temporary Marking Line Removable Tape 8-Inch	LF
649.0255	Temporary Marking Line Removable Contrast Tape 8-Inch	LF
649.0505	Temporary Marking Arrow Paint	EACH
649.0520	Temporary Marking Arrow Epoxy	EACH
649.0550	Temporary Marking Arrow Removable Tape	EACH
649.0605	Temporary Marking Word Paint	EACH
649.0620	Temporary Marking Word Epoxy	EACH
649.0650	Temporary Marking Word Removable Tape	EACH
649.0760	Temporary Marking Raised Pavement Marker Type I	EACH
649.0770	Temporary Marking Raised Pavement Marker Type II	EACH



## Bid Items

649.0805	Temporary Marking Stop Line Paint 18-Inch	LF
649.0820	Temporary Marking Stop Line Epoxy 18-Inch	LF
649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF
649.0905	Temporary Marking Diagonal Paint 12-Inch	LF
649.0920	Temporary Marking Diagonal Epoxy 12-Inch	LF
649.0950	Temporary Marking Diagonal Removable Tape 12-Inch	LF
649.0960	Temporary Marking Removable Mask Out Tape 6-Inch	LF
649.0970	Temporary Marking Removable Mask Out Tape 10-Inch	LF
650.4000	Construction Staking Storm Sewer	EACH
650.4500	Construction Staking Subgrade	LF
650.5000	Construction Staking Base	LF
650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF
650.6000	Construction Staking Pipe Culverts	EACH
650.6500	Construction Staking Structure Layout (structure)	LS
650.7000	Construction Staking Concrete Pavement	LF
650.7500	Construction Staking Concrete Barrier	LF
650.8000	Construction Staking Resurfacing Reference	LF
650.8500	Construction Staking Electrical Installations (project)	LS
650.9000	Construction Staking Curb Ramps	EACH
650.9910	Construction Staking Supplemental Control (project)	LS
650.9920	Construction Staking Slope Stakes	LF
652.0105	Conduit Rigid Metallic 3/4-Inch	LF
652.0110	Conduit Rigid Metallic 1-Inch	LF
652.0115	Conduit Rigid Metallic 1 1/4-Inch	LF
652.0120	Conduit Rigid Metallic 1 1/2-Inch	LF
652.0125	Conduit Rigid Metallic 2-Inch	LF
652.0130	Conduit Rigid Metallic 2 1/2-Inch	LF
652.0135	Conduit Rigid Metallic 3-Inch	LF
652.0140	Conduit Rigid Metallic 3 1/2-Inch	LF
652.0145	Conduit Rigid Metallic 4-Inch	LF
652.0205	Conduit Rigid Nonmetallic Schedule 40 3/4-Inch	LF
652.0210	Conduit Rigid Nonmetallic Schedule 40 1-Inch	LF
652.0215	Conduit Rigid Nonmetallic Schedule 40 1 1/4-Inch	LF
652.0220	Conduit Rigid Nonmetallic Schedule 40 1 1/2-Inch	LF
652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF
652.0230	Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	LF
652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF
652.0240	Conduit Rigid Nonmetallic Schedule 40 4-Inch	LF
652.0305	Conduit Rigid Nonmetallic Schedule 80 3/4-Inch	LF
652.0310	Conduit Rigid Nonmetallic Schedule 80 1-Inch	LF
652.0315	Conduit Rigid Nonmetallic Schedule 80 1 1/4-Inch	LF
652.0320	Conduit Rigid Nonmetallic Schedule 80 1 1/2-Inch	LF
652.0325	Conduit Rigid Nonmetallic Schedule 80 2-Inch	LF
652.0330	Conduit Rigid Nonmetallic Schedule 80 2 1/2-Inch	LF
652.0335	Conduit Rigid Nonmetallic Schedule 80 3-Inch	LF
652.0340	Conduit Rigid Nonmetallic Schedule 80 4-Inch	LF
652.0405	Conduit Reinforced Thermosetting Resin 2-Inch	LF
652.0410	Conduit Reinforced Thermosetting Resin 3-Inch	LF
652.0415	Conduit Reinforced Thermosetting Resin 4-Inch	LF
652.0605	Conduit Special 2-Inch	LF
652.0610	Conduit Special 2 1/2-Inch	LF
652.0615	Conduit Special 3-Inch	LF
652.0620	Conduit Special 3 1/2-Inch	LF
652.0625	Conduit Special 4-Inch	LF

## Bid Items

652.0690	Conduit Special (inch)	LF
652.0800	Conduit Loop Detector	LF
652.0900	Loop Detector Slots	LF
653.0105	Pull Boxes Steel 12x24-Inch	EACH
653.0110	Pull Boxes Steel 12x30-Inch	EACH
653.0115	Pull Boxes Steel 12x36-Inch	EACH
653.0120	Pull Boxes Steel 18x24-Inch	EACH
653.0125	Pull Boxes Steel 18x30-Inch	EACH
653.0130	Pull Boxes Steel 18x36-Inch	EACH
653.0135	Pull Boxes Steel 24x36-Inch	EACH
653.0140	Pull Boxes Steel 24x42-Inch	EACH
653.0145	Pull Boxes Steel 24x48-Inch	EACH
653.0154	Pull Boxes Non-Conductive 24x36-Inch	EACH
653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH
653.0180	Pull Boxes Steel Communications (inch)	EACH
653.0208	Junction Boxes 8x8x8-Inch	EACH
653.0210	Junction Boxes 10x10x6-Inch	EACH
653.0220	Junction Boxes 18x6x6-Inch	EACH
653.0222	Junction Boxes 18x12x6-Inch	EACH
653.0900	Adjusting Pull Boxes	EACH
653.0905	Removing Pull Boxes	EACH
654.0101	Concrete Bases Type 1	EACH
654.0102	Concrete Bases Type 2	EACH
654.0105	Concrete Bases Type 5	EACH
654.0106	Concrete Bases Type 6	EACH
654.0107	Concrete Bases Type 7	EACH
654.0108	Concrete Bases Type 8	EACH
654.0110	Concrete Bases Type 10	EACH
654.0111	Concrete Bases Type 11	EACH
654.0113	Concrete Bases Type 13	EACH
654.0115	Concrete Bases Type F	EACH
654.0120	Concrete Bases Type 10-Special	EACH
654.0200	Concrete Control Cabinet Bases Type 6	EACH
654.0205	Concrete Control Cabinet Bases Type 7	EACH
654.0210	Concrete Control Cabinet Bases Type 8	EACH
654.0215	Concrete Control Cabinet Bases Type 9	EACH
654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH
654.0220	Concrete Control Cabinet Bases Type 10	EACH
654.0224	Concrete Control Cabinet Bases Type L24	EACH
654.0230	Concrete Control Cabinet Bases Type L30	EACH
654.1239	Concrete Control Cabinet Bases ITS	EACH
655.0102	Cable In Duct 2-2 AWG	LF
655.0104	Cable In Duct 2-4 AWG	LF
655.0106	Cable In Duct 2-6 AWG	LF
655.0108	Cable In Duct 2-8 AWG	LF
655.0110	Cable In Duct 2-10 AWG	LF
655.0122	Cable In Duct 3-2 AWG	LF
655.0124	Cable In Duct 3-4 AWG	LF
655.0126	Cable In Duct 3-6 AWG	LF
655.0128	Cable In Duct 3-8 AWG	LF
655.0130	Cable In Duct 3-10 AWG	LF
655.0142	Cable In Duct 4-2 AWG	LF
655.0144	Cable In Duct 4-4 AWG	LF
655.0146	Cable In Duct 4-6 AWG	LF

## Bid Items

655.0148	Cable In Duct 4-8 AWG	LF
655.0150	Cable In Duct 4-10 AWG	LF
655.0205	Cable Traffic Signal 3-12 AWG	LF
655.0210	Cable Traffic Signal 3-14 AWG	LF
655.0215	Cable Traffic Signal 4-12 AWG	LF
655.0220	Cable Traffic Signal 4-14 AWG	LF
655.0223	Cable Traffic Signal 5-10 AWG	LF
655.0225	Cable Traffic Signal 5-12 AWG	LF
655.0230	Cable Traffic Signal 5-14 AWG	LF
655.0233	Cable Traffic Signal 7-10 AWG	LF
655.0235	Cable Traffic Signal 7-12 AWG	LF
655.0240	Cable Traffic Signal 7-14 AWG	LF
655.0243	Cable Traffic Signal 9-10 AWG	LF
655.0245	Cable Traffic Signal 9-12 AWG	LF
655.0250	Cable Traffic Signal 9-14 AWG	LF
655.0253	Cable Traffic Signal 12-10 AWG	LF
655.0255	Cable Traffic Signal 12-12 AWG	LF
655.0260	Cable Traffic Signal 12-14 AWG	LF
655.0263	Cable Traffic Signal 15-10 AWG	LF
655.0265	Cable Traffic Signal 15-12 AWG	LF
655.0270	Cable Traffic Signal 15-14 AWG	LF
655.0273	Cable Traffic Signal 19-10 AWG	LF
655.0275	Cable Traffic Signal 19-12 AWG	LF
655.0280	Cable Traffic Signal 19-14 AWG	LF
655.0285	Cable Traffic Signal 21-12 AWG	LF
655.0290	Cable Traffic Signal 21-14 AWG	LF
655.0305	Cable Type UF 2-12 AWG Grounded	LF
655.0320	Cable Type UF 2-10 AWG Grounded	LF
655.0325	Cable Type UF 2-8 AWG Grounded	LF
655.0400	Communication Cable Plowed	LF
655.0405	Communication Cable Trenched	LF
655.0410	Communication Cable Installed in Conduit	LF
655.0505	Electrical Wire Traffic Signals 14 AWG	LF
655.0510	Electrical Wire Traffic Signals 12 AWG	LF
655.0515	Electrical Wire Traffic Signals 10 AWG	LF
655.0520	Electrical Wire Traffic Signals 8 AWG	LF
655.0525	Electrical Wire Traffic Signals 6 AWG	LF
655.0530	Electrical Wire Traffic Signals 4 AWG	LF
655.0535	Electrical Wire Traffic Signals 2 AWG	LF
655.0610	Electrical Wire Lighting 12 AWG	LF
655.0615	Electrical Wire Lighting 10 AWG	LF
655.0620	Electrical Wire Lighting 8 AWG	LF
655.0625	Electrical Wire Lighting 6 AWG	LF
655.0630	Electrical Wire Lighting 4 AWG	LF
655.0635	Electrical Wire Lighting 2 AWG	LF
655.0640	Electrical Wire Lighting 1 AWG	LF
655.0645	Electrical Wire Lighting 1/0 AWG	LF
655.0700	Loop Detector Lead In Cable	LF
655.0800	Loop Detector Wire	LF
655.0900	Traffic Signal EVP Detector Cable	LF
656.0100	Electrical Service Meter Socket (location)	LS
656.0200	Electrical Service Meter Breaker Pedestal (location)	LS
656.0300	Electrical Service Unmetered (location)	LS
656.0400	Electrical Service Main Lugs Only Meter Pedestal (location)	LS

## Bid Items

656.0500	Electrical Service Breaker Disconnect Box (location)	LS
657.0100	Pedestal Bases	EACH
657.0205	Transformer Bases Breakaway 13-15 Inch Bolt Circle	EACH
657.0210	Transformer Bases Breakaway 15-17 Inch Bolt Circle	EACH
657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH
657.0305	Poles Type 2	EACH
657.0310	Poles Type 3	EACH
657.0315	Poles Type 4	EACH
657.0321	Poles Type 5-Steel	EACH
657.0322	Poles Type 5-Aluminum	EACH
657.0326	Poles Type 6-Steel	EACH
657.0327	Poles Type 6-Aluminum	EACH
657.0330	Poles Type 7	EACH
657.0336	Poles Type 17-Steel	EACH
657.0337	Poles Type 17-Aluminum	EACH
657.0345	Poles Type 9	EACH
657.0346	Poles Type 9-Over Height	EACH
657.0347	Poles Type 9-Special	EACH
657.0350	Poles Type 10	EACH
657.0351	Poles Type 10-Over Height	EACH
657.0352	Poles Type 10-Special	EACH
657.0355	Poles Type 12	EACH
657.0356	Poles Type 12-Over Height	EACH
657.0360	Poles Type 13	EACH
657.0361	Poles Type 13-Over Height	EACH
657.0375	Poles Type A	EACH
657.0380	Poles Type E	EACH
657.0381	Poles Type F	EACH
657.0405	Traffic Signal Standards Aluminum 3.5-FT	EACH
657.0410	Traffic Signal Standards Aluminum 9-FT	EACH
657.0415	Traffic Signal Standards Aluminum 11-FT	EACH
657.0420	Traffic Signal Standards Aluminum 13-FT	EACH
657.0425	Traffic Signal Standards Aluminum 15-FT	EACH
657.0430	Traffic Signal Standards Aluminum 10-FT	EACH
657.0515	Monotube Arms 15-FT	EACH
657.0520	Monotube Arms 20-FT	EACH
657.0525	Monotube Arms 25-FT	EACH
657.0530	Monotube Arms 30-FT	EACH
657.0535	Monotube Arms 35-FT	EACH
657.0536	Monotube Arms 35-FT-Special	EACH
657.0540	Monotube Arms 40-FT	EACH
657.0541	Monotube Arms 40-FT-Special	EACH
657.0545	Monotube Arms 45-FT	EACH
657.0546	Monotube Arms 45-FT-Special	EACH
657.0550	Monotube Arms 50-FT	EACH
657.0555	Monotube Arms 55-FT	EACH
657.0585	Trombone Arms 15-FT	EACH
657.0590	Trombone Arms 20-FT	EACH
657.0595	Trombone Arms 25-FT	EACH
657.0605	Luminaire Arms Single Member 4 1/2-Inch Clamp 4-FT	EACH
657.0609	Luminaire Arms Single Member 4-Inch Clamp 6-FT	EACH
657.0610	Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	EACH
657.0614	Luminaire Arms Single Member 4-Inch Clamp 8-FT	EACH
657.0615	Luminaire Arms Single Member 4 1/2-Inch Clamp 8-FT	EACH

## Bid Items

657.0620	Luminaire Arms Single Member 6-Inch Clamp 4-FT	EACH
657.0625	Luminaire Arms Single Member 6-Inch Clamp 6-FT	EACH
657.0630	Luminaire Arms Single Member 6-Inch Clamp 8-FT	EACH
657.0635	Luminaire Arms Single Member 6-Inch Clamp 10-FT	EACH
657.0640	Luminaire Arms Single Member 6-Inch Clamp 15-FT	EACH
657.0704	Luminaire Arms Truss Type 4-Inch Clamp 10-FT	EACH
657.0705	Luminaire Arms Truss Type 4 1/2-Inch Clamp 10-FT	EACH
657.0709	Luminaire Arms Truss Type 4-Inch Clamp 12-FT	EACH
657.0710	Luminaire Arms Truss Type 4 1/2-Inch Clamp 12-FT	EACH
657.0714	Luminaire Arms Truss Type 4-Inch Clamp 15-FT	EACH
657.0715	Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	EACH
657.0720	Luminaire Arms Truss Type 6-Inch Clamp 20-FT	EACH
657.0725	Luminaire Arms Truss Type 6-Inch Clamp 15-FT	EACH
657.0730	Luminaire Arms Truss Type 6-Inch Clamp 12-FT	EACH
657.0735	Luminaire Arms Truss Type 6-Inch Clamp 10-FT	EACH
657.0806	Luminaire Arms Steel 6-FT	EACH
657.0808	Luminaire Arms Steel 8-FT	EACH
657.0810	Luminaire Arms Steel 10-FT	EACH
657.0812	Luminaire Arms Steel 12-FT	EACH
657.0815	Luminaire Arms Steel 15-FT	EACH
657.0820	Luminaire Arms Steel Type 10 Pole Clamp 15-FT	EACH
657.0825	Luminaire Arms Steel Type 13 Pole Clamp 15-FT	EACH
658.0170	Traffic Signal Face 1S 8-Inch	EACH
658.0171	Traffic Signal Face 1S 12-Inch	EACH
658.0172	Traffic Signal Face 2S 12-Inch	EACH
658.0173	Traffic Signal Face 3S 12-Inch	EACH
658.0174	Traffic Signal Face 4S 12-Inch	EACH
658.0175	Traffic Signal Face 5S 12-Inch	EACH
658.0412	Pedestrian Signal Face 12-Inch	EACH
658.0416	Pedestrian Signal Face 16-Inch	EACH
658.0500	Pedestrian Push Buttons	EACH
658.1133	Programmable Traffic Signal Face 3S 12-Inch	EACH
658.1134	Programmable Traffic Signal Face 4S 12-Inch	EACH
658.1135	Programmable Traffic Signal Face 5S 12-Inch	EACH
658.5069	Signal Mounting Hardware (location)	LS
659.0400	Luminaires High Mast Lighting LED	EACH
659.0600	Underdeck Lighting (location)	LS
659.0700	Lighting Units Walkway	EACH
659.1115	Luminaires Utility LED A	EACH
659.1120	Luminaires Utility LED B	EACH
659.1125	Luminaires Utility LED C	EACH
659.1130	Luminaires Utility LED D	EACH
659.1205	Luminaires Underdeck LED A	EACH
659.1210	Luminaires Underdeck LED B	EACH
659.1215	Luminaires Underdeck LED C	EACH
659.2124	Lighting Control Cabinets 120/240 24-Inch	EACH
659.2130	Lighting Control Cabinets 120/240 30-Inch	EACH
659.2230	Lighting Control Cabinets 240/480 30-Inch	EACH
660.0500	High Mast Lowering Assembly (structure)	EACH
661.0100	Temporary Traffic Signals for Bridges (structure)	LS
661.0200	Temporary Traffic Signals for Intersections (location)	LS
661.0300	Generators	DAY
661.0700	Temporary Ramp Meter (location)	LS
670.0100	Field System Integrator	LS

## Bid Items

670.0200	ITS Documentation	LS
671.0100	Conduit HDPE 4-Duct 1 1/4-Inch	LF
671.0112	Conduit HDPE 1-Duct 2-Inch	LF
671.0122	Conduit HDPE 2-Duct 2-Inch	LF
671.0132	Conduit HDPE 3-Duct 2-Inch	LF
671.0142	Conduit HDPE 4-Duct 2-Inch	LF
671.0200	Conduit HDPE Directional Bore 4-Duct 1 1/4-Inch	LF
671.0212	Conduit HDPE Directional Bore 1-Duct 2-Inch	LF
671.0222	Conduit HDPE Directional Bore 2-Duct 2-Inch	LF
671.0232	Conduit HDPE Directional Bore 3-Duct 2-Inch	LF
671.0242	Conduit HDPE Directional Bore 4-Duct 2-Inch	LF
671.0244	Conduit HDPE Directional Bore 4-Duct 4-Inch	LF
671.0300	Fiber Optic Cable Marker	EACH
673.0105	Communication Vault Type 1	EACH
673.0110	Communication Vault Type Round	EACH
673.0200	Tracer Wire Marker Posts	EACH
674.0106	Cable ITS Communication 6 Pair	LF
674.0112	Cable ITS Communication 12 Pair	LF
674.0125	Cable ITS Communication 25 Pair	LF
674.0200	Cable Microwave Detector	LF
674.0300	Remove Cable	LF
674.0400	Reinstall Cable	LF
675.0100	Install Controller Ramp Meter Processor Assembly	EACH
675.0200	Install Controller Detector Processor Assembly	EACH
675.0300	Install Mounted Controller Microwave Detector Assembly	EACH
677.0130	Install Camera Pole 30-FT	EACH
677.0150	Install Camera Pole 50-FT	EACH
677.0180	Install Camera Pole 80-FT	EACH
677.0200	Install Camera Assembly	EACH
678.0006	Install Fiber Optic Cable Outdoor Plant 6-CT	LF
678.0012	Install Fiber Optic Cable Outdoor Plant 12-CT	LF
678.0024	Install Fiber Optic Cable Outdoor Plant 24-CT	LF
678.0036	Install Fiber Optic Cable Outdoor Plant 36-CT	LF
678.0048	Install Fiber Optic Cable Outdoor Plant 48-CT	LF
678.0072	Install Fiber Optic Cable Outdoor Plant 72-CT	LF
678.0096	Install Fiber Optic Cable Outdoor Plant 96-CT	LF
678.0144	Install Fiber Optic Cable Outdoor Plant 144-CT	LF
678.0200	Fiber Optic Splice Enclosure	EACH
678.0300	Fiber Optic Splice	EACH
678.0400	Fiber Optic Termination	EACH
678.0500	Communication System Testing	LS
678.0600	Install Ethernet Switches	EACH
678.0700	Install Wireless Antennas	EACH
678.0800	Install Cellular Modems	EACH
690.0150	Sawing Asphalt	LF
690.0250	Sawing Concrete	LF

## 700 Bid Items

715.0502	Incentive Strength Concrete Structures	DOL
740.0440	Incentive IRI Ride	DOL
715.0603	Incentive Strength Concrete Barrier	DOL

### 715.0715 New strength incentive bid items for concrete pavement.

715.0715	Incentive Flexural Strength Concrete Pavement	DOL
715.0720	Incentive Compressive Strength Concrete Pavement	DOL