

GORDIAN[®]

Job Order Contract Construction Task Catalog[®]

CSI Divisions 01-50 2024

County of Monterey

Public Works - Striping and Signage



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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **County of Monterey**, priced locally using current labor, material and equipment costs, and published in June 2024.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **County of Monterey**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The Tasks in this CTC are organized using CSI's *MasterFormat*.



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The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the Task; disposal of excess material; and time for lunch and breaks.

2024

EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the Task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

BUSINESS COSTS:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.
- ☑ Insurance and bonding.
- ☑ Profit.

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- Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- Subcontractor's overhead and profit.
- Cost of financing the work.
- Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

PROJECT RELATED COSTS:

- Project trailer, equipment and supplies, portable toilets, and hand wash stations for Contractor's use.
- Project management and project supervision.
- Services required to complete project filings and obtain permits.
- Preparation and modification of sketches, drawings, submittals, as-built drawings, project photographs and other project records.
- Incidental engineering and architectural services.
- Gang boxes and storage containers for Contractor's tools, equipment and materials.
- Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- Meeting Owner's security requirements.
- All taxes for which a waiver is not available including material sales tax and equipment rental.
- Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- Sealing windows, doors and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.

- Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- Daily clean-up.
- Final professional clean-up.

PRICE VARIATIONS:

- Contractors may experience direct costs that are different than the unit prices set forth in the CTC. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

SUMMARY:

- This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- The only compensation to be paid to the Contractor for Tasks will be:

Unit Price	X	Quantity	X	Adjustment Factor
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- No additional payments of any kind whatsoever will be made.
- All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the Task as described in the CTC.
- All labor, material, equipment, spare parts, and documents required by a Technical Specification shall be considered included in the unit price, unless the Task description states otherwise.
- If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or

other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the Contractor will be paid for such crane or lifting equipment as a separate Task.

- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or for relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the Task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a Task, quantities are calculated on a per project basis. The quantity so determined shall be used for the Task and all appropriate modifiers, unless the Task states otherwise.
- ☑ Whenever there are alternative Tasks that may be selected to complete work, the Contractor shall select the most practical and economical Tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and

transporting the demolished items up or down 2 stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.

- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition Task, unless the component must be demolished separately to accomplish the work (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the work; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

FIELD ENGINEERING:

- ☑ Surveying Tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the

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Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate Tasks.

ASSEMBLIES:

- Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

- Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories Tasks and for certain electrical conduit and conduit accessories Tasks. Only those Tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated Tasks. A Non-Prepriced Task will not be allowed because of Restricted Working Space for any Task.
- The Code of Federal Regulations (29 CFR part 1926, Subpart AA) define confined spaces and permit-required confined spaces for construction and set forth requirements, procedures and safety precautions for working in such spaces. If the Contractor must work in a confined space or a permit-required confined space and must provide ventilation equipment, air monitoring equipment and services, entry attendants, entry supervisors, site-specific training for workers, or other equipment and services required by the regulations, then the Contractor shall be paid for such equipment, services and training. Those costs shall not be included in the Adjustment Factors.

Or Equals:

- Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot or Gross Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** –

Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

- The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

BULK FACTORS FOR DEMOLITION:

- The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.
 - Asphalt** = 1.25
 - Concrete** = 1.40

CONVERSIONS:

- 1 Acre** = 43,560 Square Feet = 4046.8 Square Meters
- 1 Board Foot** = 12" x 12" x 1" = 144 Cubic Inches
- 1 Centimeter** = 0.3937 Inches = 0.0328 Feet
- 1 Cubic Foot** = 0.03704 Cubic Yards = 0.02832 Cubic Meters
- 1 Cubic Meter** = 1.3080 Cubic Yards = 35.3147 Cubic Feet
- 1 Cubic Yard** = 27 Cubic Feet = 0.7646 Cubic Meters
- 1 Foot** = 12 Inches = 0.3048 Meters
- 1 Inch** = 2.54 Centimeters = 0.0254 Meters
- 1 Kilogram** = 2.2046 Pounds
- 1 Kilometer** = 0.6214 Miles = 3280 Feet
- 1 Meter** = 100 Centimeters = 3.2808 Feet
- 1 Mile** = 5280 Feet = 1.6093 Kilometers
- 1 Pound** = 0.4536 Kilograms
- 1 Square Foot** = 144 Square Inches = .0929 Square Meters
- 1 Square Meter** = 1.1960 Square Yards = 10.7639 Square Feet
- 1 Square Yard** = 9 Square Feet = 0.8361 Square Meters
- 1 Ton** = 2000 Pounds = 907.185 Kilograms
- 1 Yard** = 3 Feet = 0.9144 Meters

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Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

STANDARD GEOMETRY:

Circle

- Circumference = 2π radius = π diameter
- Area = π radius² = π (diameter² / 4)

Cylinder

- Volume = (π radius²) height
- Surface Area = 2π radius² + (2π radius) height

Sphere

- Volume = $(4 \pi$ radius³) / 3
- Surface Area = 4π radius²

$\pi = 3.14159$

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

TRADEMARKS

- Job Order Contracting Advanced, Job Order Contracting Complete, Job Order Contracting



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 General Requirements

01 20 Price and Payment Procedures ⁽⁰¹⁾

01 22 Unit Prices ^(01 20)

01 22 16 Unit Price Payment ^(01 22)

01 22 16 00-0001	Negotiated Travel Costs ^(01 22 16)		
Note: To be used only at the request of authorized personal for non-commuting travel costs.			
01 22 16 00-0002	EA Negotiated Travel Costs		1.00
Note: Supporting documentation must be included with each Work Order.			

01 22 16 00-0003	Reimbursable Fees ^(01 22 16)		
Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.			
01 22 16 00-0004	EA Reimbursable Fees.....		1.00
Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.			

01 22 20 Wage Rates ^(01 22)

01 22 20 00-0001	Rates For Services ^(01 22 20)		
01 22 20 00-0002	HR Watch/Guard Person, Unarmed.....		32.53
01 22 20 00-0003	HR Watch/Guard Person, Armed.....		41.12
01 22 20 00-0004	HR Senior Surveyor (Party Chief).....		127.05
01 22 20 00-0005	HR Surveyor (Instrument person).....		119.70
01 22 20 00-0006	HR Surveyor (Rod Person).....		115.08
01 22 20 00-0007	HR On-Site Certified Materials Testing Technician.....		91.05
01 22 20 00-0008	HR Certified Industrial Hygienist.....		122.90
01 22 20 00-0009	MI Mileage For Professional Services (Engineering, Surveying, Etcetera).....		0.67
Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.			
01 22 20 00-0010	EA Security Badge, Processing Fee.....		90.28
01 22 20 00-0011	HR Biologist.....		132.00
01 22 20 00-0012	HR Ecologist.....		145.00
01 22 20 00-0013	HR Fire Watch Laborer.....		89.23
Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.			

01 22 20 00-0014	Rates For Project Management Services ^(01 22 20)		
01 22 20 00-0015	HR Project Manager		156.25

01 22 20 00-0016	Rates For Traffic Control ^(01 22 20)		
01 22 20 00-0017	HR Flagperson For Traffic Control.....		87.63
01 22 20 00-0018	DAY Pilot Vehicle With Driver		1,103.90
Note: Includes radio, "Follow Me" sign, "Wait For Pilot Car" signs on barricades where required.			
01 22 20 00-0019	HR California Highway Patrol Officer With Car		50.70
For Each Mile, Add			
			0.67
01 22 20 00-0020	HR California Highway Patrol Officer With Motorcycle.....		51.22
For Each Mile, Add			
			0.67
01 22 20 00-0021	HR California Highway Patrol Sergeant Officer With Car.....		62.13
For Each Mile, Add			
			0.67
01 22 20 00-0022	HR California Highway Patrol Sergeant Officer With Motorcycle.....		62.28
For Each Mile, Add			
			0.67

01 22 20 00-0023	Mobilize Equipment ^(01 22 20)		
01 22 20 00-0024	HR Escort Vehicle With Driver		101.24
01 22 20 00-0025	HR Transport Vehicle With Driver.....		137.68

01 70 Execution and Closeout Requirements ⁽⁰¹⁾

01 71 Examination and Preparation ^(01 70)

01	01	General Requirements
	01 70	Execution and Closeout Requirements
	01 71	Examination and Preparation



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 71 13 Mobilization (01 71)

01 71 13 00-0001	EA	Equipment Delivery, Pickup, Mobilization And Demobilization <small>(01 71 13)</small> Note: Excludes flagman for traffic control where necessary. Per each mobilization delivery.	
01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	479.26
01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed..... Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	1,526.88

01 71 23 Field Engineering (01 71)

01 71 23 16 Construction Surveying (01 71 23)

01 71 23 16-0001		Survey Monument <small>(01 71 23 16)</small>	
01 71 23 16-0002	EA	3' Precast Survey Monument..... <i>For Owner Furnished Monument, Deduct</i>	201.65 -79.77
01 71 23 16-0003	EA	Precast Survey Monument Box With Cast Iron Frame And Cover.....	302.12
01 71 23 16-0004	EA	Riser Ring For Survey Monument.....	155.98
01 71 23 16-0005	EA	Adjust Survey Monument Cover To Grade.....	239.29
01 71 23 16-0006		Utility Survey <small>(01 71 23 16)</small> Note: This survey is only for the location of underground utilities.	
01 71 23 16-0007	ACR	Survey Clear Area For Underground Utilities.....	6,531.85

END OF SECTION 01



Specialties	10	10
Information Specialties	10 10	
Signage	10 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 Specialties

10 10 Information Specialties ⁽¹⁰⁾

10 14 Signage ^(10 10)

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise.

10 14 53 Traffic Signage ^(10 14)

10 14 53 11 Traffic Signage ^(10 14 53)

10 14 53 11-0001 Traffic Signs (Monterey County) ^(10 14 53 11)

10 14 53 11-0002	EA	Roadside Sign-One Post (Monterey County).....	399.63	27.59
10 14 53 11-0003	EA	Install Roadside Sign Panel On Existing Post (Monterey County).....	201.98	

10 14 53 11-0004 Traffic Signs ^(10 14 53 11)

10 14 53 11-0005 ReflectORIZED Stop Signs And Other Traffic Signs ^(10 14 53 11-0004)

Note: Excludes posts.

10 14 53 11-0006 Aluminum Engineer Grade Stop Signs ^(10 14 53 11-0005)

10 14 53 11-0007	EA	18" x 18" Aluminum Engineer Grade Stop Sign.....	71.40	20.25
		<i>For Hi-Intensity Grade, Add</i>	9.27	
		<i>For Diamond Grade, Add</i>	17.61	
10 14 53 11-0008	EA	18" x 24" Aluminum Engineer Grade Stop Sign.....	83.16	21.42
		<i>For Hi-Intensity Grade, Add</i>	12.12	
		<i>For Diamond Grade, Add</i>	23.03	
10 14 53 11-0009	EA	24" x 24" Aluminum Engineer Grade Stop Sign.....	90.17	22.50
		<i>For Hi-Intensity Grade, Add</i>	18.52	
		<i>For Diamond Grade, Add</i>	29.35	
10 14 53 11-0010	EA	30" x 30" Aluminum Engineer Grade Stop Sign.....	105.09	23.67
		<i>For Hi-Intensity Grade, Add</i>	6.94	
		<i>For Diamond Grade, Add</i>	37.60	
10 14 53 11-0011	EA	36" x 36" Aluminum Engineer Grade Stop Sign.....	142.20	24.75
		<i>For Hi-Intensity Grade, Add</i>	20.39	
		<i>For Diamond Grade, Add</i>	63.96	

10 14 53 11-0012 Steel Engineer Grade Stop Signs ^(10 14 53 11-0005)

10 14 53 11-0013	EA	18" x 18" Reflective Steel Stop Sign, Engineering Grade.....	106.03	20.25
10 14 53 11-0014	EA	18" x 24" Reflective Steel Stop Sign, Engineering Grade.....	132.02	21.42
10 14 53 11-0015	EA	24" x 24" Reflective Steel Stop Sign, Engineering Grade.....	140.07	22.50
10 14 53 11-0016	EA	30" x 30" Reflective Steel Stop Sign, Engineering Grade.....	198.47	23.67
10 14 53 11-0017	EA	36" x 36" Reflective Steel Stop Sign, Engineering Grade.....	251.16	24.75

10 14 53 11-0018 Polyethylene Engineer Grade Stop Signs ^(10 14 53 11-0005)

10 14 53 11-0019	EA	18" x 18" Reflective Polyethylene Stop Sign, Engineering Grade.....	108.46	20.25
10 14 53 11-0020	EA	18" x 24" Reflective Polyethylene Stop Sign, Engineering Grade.....	138.24	21.42
10 14 53 11-0021	EA	24" x 24" Reflective Polyethylene Stop Sign, Engineering Grade.....	152.31	22.50
10 14 53 11-0022	EA	30" x 30" Reflective Polyethylene Stop Sign, Engineering Grade.....	199.04	23.67

10 14 53 11-0023 Other ReflectORIZED Traffic Signs ^(10 14 53 11-0005)

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

10 14 53 11-0024 Aluminum Engineer Grade Traffic Signs ^(10 14 53 11-0023)

10 14 53 11-0025	EA	6" x 12" Aluminum Engineer Grade Traffic Sign.....	43.65	18.00
		<i>For Hi-Intensity Grade, Add</i>	2.30	
		<i>For Diamond Grade, Add</i>	4.36	
10 14 53 11-0026	EA	6" x 18" Aluminum Engineer Grade Traffic Sign.....	47.48	18.00
		<i>For Hi-Intensity Grade, Add</i>	3.44	
		<i>For Diamond Grade, Add</i>	6.54	
10 14 53 11-0027	EA	9" x 12" Aluminum Engineer Grade Traffic Sign.....	47.48	18.00
		<i>For Hi-Intensity Grade, Add</i>	3.44	
		<i>For Diamond Grade, Add</i>	6.54	
10 14 53 11-0028	EA	9" x 15" Aluminum Engineer Grade Traffic Sign.....	50.35	18.00
		<i>For Hi-Intensity Grade, Add</i>	4.31	
		<i>For Diamond Grade, Add</i>	8.18	
10 14 53 11-0029	EA	9" x 18" Aluminum Engineer Grade Traffic Sign.....	53.22	18.00
		<i>For Hi-Intensity Grade, Add</i>	5.17	
		<i>For Diamond Grade, Add</i>	9.82	
10 14 53 11-0030	EA	9" x 24" Aluminum Engineer Grade Traffic Sign.....	61.21	19.13
		<i>For Hi-Intensity Grade, Add</i>	6.89	
		<i>For Diamond Grade, Add</i>	13.09	
10 14 53 11-0031	EA	9" x 48" Aluminum Engineer Grade Traffic Sign.....	84.18	19.13
		<i>For Hi-Intensity Grade, Add</i>	13.78	
		<i>For Diamond Grade, Add</i>	26.18	

10 Specialties
10 10 Information Specialties
10 14 Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53	11-0032	EA	12" x 12" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	51.31 4.59 8.73	18.00
10 14 53	11-0033	EA	12" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	61.21 6.89 13.09	19.13
10 14 53	11-0034	EA	12" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	68.87 9.19 17.45	19.13
10 14 53	11-0035	EA	12" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	76.52 11.48 21.81	19.13
10 14 53	11-0036	EA	12" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	84.18 13.78 26.18	19.13
10 14 53	11-0037	EA	18" x 18" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	72.69 10.33 19.63	19.13
10 14 53	11-0038	EA	18" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	84.18 13.78 26.18	19.13
10 14 53	11-0039	EA	18" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	97.91 17.22 32.72	20.25
10 14 53	11-0040	EA	18" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	109.39 20.67 39.27	20.25
10 14 53	11-0041	EA	18" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	141.35 27.56 52.35	24.75
10 14 53	11-0042	EA	18" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	152.83 31.00 58.90	24.75
10 14 53	11-0043	EA	24" x 24" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	101.73 18.37 34.90	20.25
10 14 53	11-0044	EA	24" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	117.04 22.96 43.63	20.25
10 14 53	11-0045	EA	24" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	132.35 27.56 52.35	20.25
10 14 53	11-0046	EA	24" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	156.66 32.15 61.08	24.75
10 14 53	11-0047	EA	24" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	171.97 36.74 69.81	24.75
10 14 53	11-0048	EA	24" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	187.28 41.33 78.53	24.75
10 14 53	11-0049	EA	24" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	202.58 45.92 87.26	24.75
10 14 53	11-0050	EA	30" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	136.18 28.70 54.54	20.25
10 14 53	11-0051	EA	30" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	164.31 34.44 65.44	24.75
10 14 53	11-0052	EA	30" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	183.45 40.19 76.35	24.75
10 14 53	11-0053	EA	30" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	211.59 45.92 87.26	29.25
10 14 53	11-0054	EA	30" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	258.86 57.41 109.08	33.75
10 14 53	11-0055	EA	36" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	187.28 41.33 78.53	24.75
10 14 53	11-0056	EA	36" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	219.25 48.22 91.62	29.25
10 14 53	11-0057	EA	36" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	251.20 55.11 104.71	33.75
10 14 53	11-0058	EA	36" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	274.16 62.00 117.80	33.75
10 14 53	11-0059	EA	36" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	306.13 68.89 130.89	38.25



Specialties	10
Information Specialties	10 10
Signage	10 14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0060 EA 36" x 73" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	364.89 83.81 159.25	42.75
10 14 53 11-0061 EA 36" x 78" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	384.03 89.56 170.16	42.75
10 14 53 11-0062 EA 36" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	512.34 124.00 235.60	49.50
10 14 53 11-0063 EA 42" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	255.03 56.26 106.89	33.75
10 14 53 11-0064 EA 48" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	321.44 73.48 139.62	38.25
10 14 53 11-0065 EA 48" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	361.06 82.67 157.06	42.75
10 14 53 11-0066 EA 48" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	391.68 91.85 174.52	42.75
10 14 53 11-0067 EA 48" x 66" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	435.80 101.04 191.97	49.50
10 14 53 11-0068 EA 48" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	466.41 110.22 209.42	49.50
10 14 53 11-0069 EA 48" x 84" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	536.65 128.59 244.32	54.00
10 14 53 11-0070 EA 48" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	597.88 146.96 279.23	54.00
10 14 53 11-0071 EA 48" x 102" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	628.50 156.15 296.68	54.00
10 14 53 11-0072 EA 48" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	663.62 165.33 314.13	56.25
10 14 53 11-0073 EA 60" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	567.26 137.78 261.77	54.00
10 14 53 11-0074 EA 72" x 144" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	1,246.21 330.66 628.26	72.01
10 14 53 11-0075 EA 78" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	908.55 238.81 453.74	56.25
10 14 53 11-0076 Polyethylene Engineer Grade Traffic Signs (10 14 53 11-0023)		
10 14 53 11-0077 EA 6" x 12" Reflective Polyethylene Traffic Sign	76.23	16.92
10 14 53 11-0078 EA 12" x 12" Reflective Polyethylene Traffic Sign	86.69	18.00
10 14 53 11-0079 EA 12" x 18" Reflective Polyethylene Traffic Sign	92.82	19.17
10 14 53 11-0080 EA 18" x 18" Reflective Polyethylene Traffic Sign	112.06	20.25
10 14 53 11-0081 EA 18" x 24" Reflective Polyethylene Traffic Sign	138.24	21.42
10 14 53 11-0082 EA 24" x 24" Reflective Polyethylene Traffic Sign	155.45	21.42
10 14 53 11-0083 Non-Reflectorized Traffic Signs (10 14 53 11-0004)		
Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.		
10 14 53 11-0084 Steel Non-Reflectorized Traffic Signs (10 14 53 11-0083)		
10 14 53 11-0085 EA 6" x 12" Steel Non-Reflectorized Traffic Sign	42.04	18.00
10 14 53 11-0086 EA 6" x 18" Steel Non-Reflectorized Traffic Sign	45.06	18.00
10 14 53 11-0087 EA 9" x 12" Steel Non-Reflectorized Traffic Sign	45.06	18.00
10 14 53 11-0088 EA 9" x 15" Steel Non-Reflectorized Traffic Sign	47.33	18.00
10 14 53 11-0089 EA 9" x 18" Steel Non-Reflectorized Traffic Sign	49.59	18.00
10 14 53 11-0090 EA 9" x 24" Steel Non-Reflectorized Traffic Sign	56.37	19.13
10 14 53 11-0091 EA 9" x 48" Steel Non-Reflectorized Traffic Sign	74.49	19.13
10 14 53 11-0092 EA 12" x 12" Steel Non-Reflectorized Traffic Sign	48.08	18.00
10 14 53 11-0093 EA 12" x 18" Steel Non-Reflectorized Traffic Sign	56.37	19.13
10 14 53 11-0094 EA 12" x 24" Steel Non-Reflectorized Traffic Sign	62.41	19.13
10 14 53 11-0095 EA 12" x 30" Steel Non-Reflectorized Traffic Sign	68.45	19.13
10 14 53 11-0096 EA 12" x 36" Steel Non-Reflectorized Traffic Sign	74.49	19.13
10 14 53 11-0097 EA 18" x 18" Steel Non-Reflectorized Traffic Sign	65.43	19.13
10 14 53 11-0098 EA 18" x 24" Steel Non-Reflectorized Traffic Sign	74.49	19.13
10 14 53 11-0099 EA 18" x 30" Steel Non-Reflectorized Traffic Sign	85.80	20.25
10 14 53 11-0100 EA 18" x 36" Steel Non-Reflectorized Traffic Sign	94.87	20.25
10 14 53 11-0101 EA 18" x 48" Steel Non-Reflectorized Traffic Sign	121.99	24.75
10 14 53 11-0102 EA 18" x 54" Steel Non-Reflectorized Traffic Sign	131.05	24.75
10 14 53 11-0103 EA 24" x 24" Steel Non-Reflectorized Traffic Sign	88.82	20.25
10 14 53 11-0104 EA 24" x 30" Steel Non-Reflectorized Traffic Sign	100.91	20.25



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 53 11-0105	EA	24"	x 36" Steel Non-Reflectorized Traffic Sign.....	112.99	20.25
10 14 53 11-0106	EA	24"	x 42" Steel Non-Reflectorized Traffic Sign.....	134.07	24.75
10 14 53 11-0107	EA	24"	x 48" Steel Non-Reflectorized Traffic Sign.....	146.15	24.75
10 14 53 11-0108	EA	24"	x 54" Steel Non-Reflectorized Traffic Sign.....	158.23	24.75
10 14 53 11-0109	EA	24"	x 60" Steel Non-Reflectorized Traffic Sign.....	170.31	24.75
10 14 53 11-0110	EA	30"	x 30" Steel Non-Reflectorized Traffic Sign.....	116.01	20.25
10 14 53 11-0111	EA	30"	x 36" Steel Non-Reflectorized Traffic Sign.....	140.11	24.75
10 14 53 11-0112	EA	30"	x 42" Steel Non-Reflectorized Traffic Sign.....	155.21	24.75
10 14 53 11-0113	EA	30"	x 48" Steel Non-Reflectorized Traffic Sign.....	179.32	29.25
10 14 53 11-0114	EA	30"	x 60" Steel Non-Reflectorized Traffic Sign.....	218.51	33.75
10 14 53 11-0115	EA	36"	x 36" Steel Non-Reflectorized Traffic Sign.....	158.23	24.75
10 14 53 11-0116	EA	36"	x 42" Steel Non-Reflectorized Traffic Sign.....	185.36	29.25
10 14 53 11-0117	EA	36"	x 48" Steel Non-Reflectorized Traffic Sign.....	212.47	33.75
10 14 53 11-0118	EA	36"	x 54" Steel Non-Reflectorized Traffic Sign.....	230.60	33.75
10 14 53 11-0119	EA	36"	x 60" Steel Non-Reflectorized Traffic Sign.....	257.72	38.25
10 14 53 11-0120	EA	36"	x 73" Steel Non-Reflectorized Traffic Sign.....	305.99	42.75
10 14 53 11-0121	EA	36"	x 78" Steel Non-Reflectorized Traffic Sign.....	321.09	42.75
10 14 53 11-0122	EA	36"	x 108" Steel Non-Reflectorized Traffic Sign.....	425.20	49.50
10 14 53 11-0123	EA	42"	x 42" Steel Non-Reflectorized Traffic Sign.....	215.49	33.75
10 14 53 11-0124	EA	48"	x 48" Steel Non-Reflectorized Traffic Sign.....	269.80	38.25
10 14 53 11-0125	EA	48"	x 54" Steel Non-Reflectorized Traffic Sign.....	302.97	42.75
10 14 53 11-0126	EA	48"	x 60" Steel Non-Reflectorized Traffic Sign.....	327.13	42.75
10 14 53 11-0127	EA	48"	x 66" Steel Non-Reflectorized Traffic Sign.....	364.80	49.50
10 14 53 11-0128	EA	48"	x 72" Steel Non-Reflectorized Traffic Sign.....	388.96	49.50
10 14 53 11-0129	EA	48"	x 84" Steel Non-Reflectorized Traffic Sign.....	446.28	54.00
10 14 53 11-0130	EA	48"	x 96" Steel Non-Reflectorized Traffic Sign.....	494.61	54.00
10 14 53 11-0131	EA	48"	x 102" Steel Non-Reflectorized Traffic Sign.....	518.77	54.00
10 14 53 11-0132	EA	48"	x 108" Steel Non-Reflectorized Traffic Sign.....	547.43	56.25
10 14 53 11-0133	EA	60"	x 72" Steel Non-Reflectorized Traffic Sign.....	470.45	54.00
10 14 53 11-0134	EA	72"	x 144" Steel Non-Reflectorized Traffic Sign.....	1,013.84	72.01
10 14 53 11-0135	EA	78"	x 96" Steel Non-Reflectorized Traffic Sign.....	740.73	56.25

10 14 53 11-0136 Aluminum Non-Reflectorized Traffic Signs (10 14 53 11-0083)

10 14 53 11-0137	EA	6"	x 12" Aluminum Non-Reflectorized Traffic Sign.....	42.29	18.00
10 14 53 11-0138	EA	6"	x 18" Aluminum Non-Reflectorized Traffic Sign.....	45.43	18.00
10 14 53 11-0139	EA	9"	x 12" Aluminum Non-Reflectorized Traffic Sign.....	45.43	18.00
10 14 53 11-0140	EA	9"	x 15" Aluminum Non-Reflectorized Traffic Sign.....	47.79	18.00
10 14 53 11-0141	EA	9"	x 18" Aluminum Non-Reflectorized Traffic Sign.....	50.15	18.00
10 14 53 11-0142	EA	9"	x 24" Aluminum Non-Reflectorized Traffic Sign.....	57.11	19.13
10 14 53 11-0143	EA	9"	x 48" Aluminum Non-Reflectorized Traffic Sign.....	75.97	19.13
10 14 53 11-0144	EA	12"	x 12" Aluminum Non-Reflectorized Traffic Sign.....	48.57	18.00
10 14 53 11-0145	EA	12"	x 18" Aluminum Non-Reflectorized Traffic Sign.....	57.11	19.13
10 14 53 11-0146	EA	12"	x 24" Aluminum Non-Reflectorized Traffic Sign.....	63.40	19.13
10 14 53 11-0147	EA	12"	x 30" Aluminum Non-Reflectorized Traffic Sign.....	69.68	19.13
10 14 53 11-0148	EA	12"	x 36" Aluminum Non-Reflectorized Traffic Sign.....	75.97	19.13
10 14 53 11-0149	EA	18"	x 18" Aluminum Non-Reflectorized Traffic Sign.....	66.54	19.13
10 14 53 11-0150	EA	18"	x 24" Aluminum Non-Reflectorized Traffic Sign.....	75.97	19.13
10 14 53 11-0151	EA	18"	x 30" Aluminum Non-Reflectorized Traffic Sign.....	87.65	20.25
10 14 53 11-0152	EA	18"	x 36" Aluminum Non-Reflectorized Traffic Sign.....	97.08	20.25
10 14 53 11-0153	EA	18"	x 48" Aluminum Non-Reflectorized Traffic Sign.....	124.94	24.75
10 14 53 11-0154	EA	18"	x 54" Aluminum Non-Reflectorized Traffic Sign.....	134.37	24.75
10 14 53 11-0155	EA	24"	x 24" Aluminum Non-Reflectorized Traffic Sign.....	90.79	20.25
10 14 53 11-0156	EA	24"	x 30" Aluminum Non-Reflectorized Traffic Sign.....	103.37	20.25
10 14 53 11-0157	EA	24"	x 36" Aluminum Non-Reflectorized Traffic Sign.....	115.94	20.25
10 14 53 11-0158	EA	24"	x 42" Aluminum Non-Reflectorized Traffic Sign.....	137.51	24.75
10 14 53 11-0159	EA	24"	x 48" Aluminum Non-Reflectorized Traffic Sign.....	150.09	24.75
10 14 53 11-0160	EA	24"	x 54" Aluminum Non-Reflectorized Traffic Sign.....	162.66	24.75
10 14 53 11-0161	EA	24"	x 60" Aluminum Non-Reflectorized Traffic Sign.....	175.24	24.75
10 14 53 11-0162	EA	30"	x 30" Aluminum Non-Reflectorized Traffic Sign.....	119.08	20.25
10 14 53 11-0163	EA	30"	x 36" Aluminum Non-Reflectorized Traffic Sign.....	143.80	24.75
10 14 53 11-0164	EA	30"	x 42" Aluminum Non-Reflectorized Traffic Sign.....	159.52	24.75
10 14 53 11-0165	EA	30"	x 48" Aluminum Non-Reflectorized Traffic Sign.....	184.25	29.25
10 14 53 11-0166	EA	30"	x 60" Aluminum Non-Reflectorized Traffic Sign.....	224.67	33.75
10 14 53 11-0167	EA	36"	x 36" Aluminum Non-Reflectorized Traffic Sign.....	162.66	24.75
10 14 53 11-0168	EA	36"	x 42" Aluminum Non-Reflectorized Traffic Sign.....	190.53	29.25
10 14 53 11-0169	EA	36"	x 48" Aluminum Non-Reflectorized Traffic Sign.....	218.38	33.75
10 14 53 11-0170	EA	36"	x 54" Aluminum Non-Reflectorized Traffic Sign.....	237.24	33.75
10 14 53 11-0171	EA	36"	x 60" Aluminum Non-Reflectorized Traffic Sign.....	265.10	38.25
10 14 53 11-0172	EA	36"	x 73" Aluminum Non-Reflectorized Traffic Sign.....	314.98	42.75
10 14 53 11-0173	EA	36"	x 78" Aluminum Non-Reflectorized Traffic Sign.....	330.69	42.75
10 14 53 11-0174	EA	36"	x 108" Aluminum Non-Reflectorized Traffic Sign.....	438.49	49.50
10 14 53 11-0175	EA	42"	x 42" Aluminum Non-Reflectorized Traffic Sign.....	221.53	33.75
10 14 53 11-0176	EA	48"	x 48" Aluminum Non-Reflectorized Traffic Sign.....	277.68	38.25
10 14 53 11-0177	EA	48"	x 54" Aluminum Non-Reflectorized Traffic Sign.....	311.83	42.75
10 14 53 11-0178	EA	48"	x 60" Aluminum Non-Reflectorized Traffic Sign.....	336.98	42.75
10 14 53 11-0179	EA	48"	x 66" Aluminum Non-Reflectorized Traffic Sign.....	375.63	49.50
10 14 53 11-0180	EA	48"	x 72" Aluminum Non-Reflectorized Traffic Sign.....	400.77	49.50
10 14 53 11-0181	EA	48"	x 84" Aluminum Non-Reflectorized Traffic Sign.....	460.07	54.00
10 14 53 11-0182	EA	48"	x 96" Aluminum Non-Reflectorized Traffic Sign.....	510.36	54.00
10 14 53 11-0183	EA	48"	x 102" Aluminum Non-Reflectorized Traffic Sign.....	535.51	54.00



Specialties	10	10
Information Specialties	10 10	
Signage	10 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0184 EA 48" x 108" Aluminum Non-ReflectORIZED Traffic Sign.....	565.16	56.25
10 14 53 11-0185 EA 60" x 72" Aluminum Non-ReflectORIZED Traffic Sign.....	485.22	54.00
10 14 53 11-0186 EA 72" x 144" Aluminum Non-ReflectORIZED Traffic Sign.....	1,049.29	72.01
10 14 53 11-0187 EA 78" x 96" Aluminum Non-ReflectORIZED Traffic Sign.....	766.33	56.25
10 14 53 11-0188 Polyethylene Non-ReflectORIZED Traffic Signs (10 14 53 11-0083)		
10 14 53 11-0189 EA 6" x 12" Non-Reflective Polyethylene Traffic Sign	64.25	16.92
10 14 53 11-0190 EA 12" x 12" Non-Reflective Polyethylene Traffic Sign	70.27	18.00
10 14 53 11-0191 EA 12" x 18" Non-Reflective Polyethylene Traffic Sign	75.69	19.17
10 14 53 11-0192 EA 18" x 18" Non-Reflective Polyethylene Traffic Sign	99.82	20.25
10 14 53 11-0193 EA 18" x 24" Non-Reflective Polyethylene Traffic Sign	106.98	21.42
10 14 53 11-0194 EA 24" x 24" Non-Reflective Polyethylene Traffic Sign	124.22	22.50
10 14 53 11-0195 Signs For Overhead Sign Structures (10 14 53 11-0004)		
Note: Including horizontal Z-bars.		
10 14 53 11-0196 SF From 30 To 360 SF Signs For Overhead Sign Structures	25.00	
For Over 10' High, Add	13.00	
10 14 53 11-0197 VLF Vertical Sign Hangers For Overhead Sign Structures, Per Hanger	32.50	
Note: Includes U-bolts, vertical aluminum Z-bars, clip angles and stainless steel hardware.		
10 14 53 11-0198 Flashing Beacon (10 14 53 11-0004)		
10 14 53 11-0199 EA Flashing Beacon Assembly	1,340.86	196.39
10 14 53 11-0200 Aluminum Street Signs (10 14 53 11-0004)		
Note: Excludes posts.		
10 14 53 11-0201 Aluminum Engineer Grade Street Signs (10 14 53 11-0200)		
10 14 53 11-0202 EA 6" High, Aluminum Engineer Grade Street Sign	81.30	9.00
For Diamond Grade, Add	36.08	
10 14 53 11-0203 EA 8" High, Aluminum Engineer Grade Street Sign	92.47	9.00
For Diamond Grade, Add	42.45	
10 14 53 11-0204 EA 9" High, Aluminum Engineer Grade Street Sign	100.79	9.00
For Diamond Grade, Add	47.19	
10 14 53 11-0205 Street Sign Accessories (10 14 53 11-0200)		
10 14 53 11-0206 EA Single Bracket And Post Cap For Street Sign	24.23	4.50
10 14 53 11-0207 EA Double Bracket And Post Cap For Street Sign	24.23	4.50
10 14 53 11-0208 Sign Posts (10 14 53 11-0004)		
Note: Excludes sign.		
10 14 53 11-0209 U-Channel Sign Posts (10 14 53 11-0208)		
Note: Excludes digging and concrete.		
10 14 53 11-0210 Baked Enamel U-Channel Sign Posts (10 14 53 11-0209)		
10 14 53 11-0211 EA 3' To 4' Baked Enamel U-Channel Sign Post Base	63.20	18.40
10 14 53 11-0212 EA 6' Baked Enamel U-Channel Sign Post	83.14	22.99
10 14 53 11-0213 EA 7' Baked Enamel U-Channel Sign Post	99.24	27.59
10 14 53 11-0214 EA 8' Baked Enamel U-Channel Sign Post	116.21	32.19
10 14 53 11-0215 EA 10' Baked Enamel U-Channel Sign Post	140.20	39.08
10 14 53 11-0216 EA 12' Baked Enamel U-Channel Sign Post	144.43	39.08
10 14 53 11-0217 Galvanized Steel U-Channel Sign Posts (10 14 53 11-0209)		
10 14 53 11-0218 EA 3' To 4' Galvanized Steel U-Channel Sign Post Base.....	68.64	18.40
10 14 53 11-0219 EA 6' Galvanized Steel U-Channel Sign Post.....	91.78	22.99
10 14 53 11-0220 EA 7' Galvanized Steel U-Channel Sign Post.....	118.79	27.59
10 14 53 11-0221 EA 8' Galvanized Steel U-Channel Sign Post.....	137.82	32.19
10 14 53 11-0222 EA 10' Galvanized Steel U-Channel Sign Post.....	155.93	39.08
10 14 53 11-0223 EA 12' Galvanized Steel U-Channel Sign Post.....	158.12	39.08
10 14 53 11-0224 Fiberglass Or Composite Plastic U-Channel Sign Posts (10 14 53 11-0209)		
10 14 53 11-0225 EA 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base.....	61.92	18.40
10 14 53 11-0226 EA 6' Fiberglass Or Composite Plastic U-Channel Sign Post.....	80.35	22.99
10 14 53 11-0227 EA 7' Fiberglass Or Composite Plastic U-Channel Sign Post.....	95.87	27.59
10 14 53 11-0228 EA 8' Fiberglass Or Composite Plastic U-Channel Sign Post.....	112.19	32.19
10 14 53 11-0229 EA 10' Fiberglass Or Composite Plastic U-Channel Sign Post.....	132.91	39.08
10 14 53 11-0230 EA 12' Fiberglass Or Composite Plastic U-Channel Sign Post.....	140.11	39.08
10 14 53 11-0231 Tubular Sign Posts (10 14 53 11-0208)		
Note: Excludes digging and concrete.		
10 14 53 11-0232 2-3/8" Diameter, Galvanized Steel Tubular Sign Post (10 14 53 11-0231)		
10 14 53 11-0233 EA 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	92.68	22.99

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
			10 14 53 11-0234 EA 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	109.92	27.59
			10 14 53 11-0235 EA 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	129.90	32.19
			10 14 53 11-0236 EA 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	167.75	39.08
			10 14 53 11-0237 EA 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	182.59	39.08
			10 14 53 11-0238 Square Sign Posts <small>(10 14 53 11-0208)</small> Note: Excludes digging and concrete.		
			10 14 53 11-0239 Galvanized Steel Square Sign Posts <small>(10 14 53 11-0238)</small>		
			10 14 53 11-0240 EA 3' To 4' Galvanized Steel Square Sign Post Base	69.85	18.40
			10 14 53 11-0241 EA 6' Galvanized Steel Square Sign Post	112.25	22.99
			10 14 53 11-0242 EA 7' Galvanized Steel Square Sign Post	131.53	27.59
			10 14 53 11-0243 EA 8' Galvanized Steel Square Sign Post	153.41	32.19
			10 14 53 11-0244 EA 10' Galvanized Steel Square Sign Post	187.37	39.08
			10 14 53 11-0245 EA 12' Galvanized Steel Square Sign Post	197.73	39.08
			10 14 53 11-0246 Other Sign Posts And Bases <small>(10 14 53 11-0004)</small> Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit.		
			10 14 53 11-0247 2.5 LB/FT Breakaway Sign Posts And Base Posts <small>(10 14 53 11-0246)</small>		
			10 14 53 11-0248 Base Posts, 2.5 LB/LF, For Breakaway Sign Posts <small>(10 14 53 11-0247)</small>		
			10 14 53 11-0249 EA Base Post For 2.5 LB/LF Breakaway Sign Post.....	94.54	22.50
			10 14 53 11-0250 EA Lap Splice Hardware For 2.5 LB/LF Breakaway Sign Post.....	58.54	18.00
			10 14 53 11-0251 Breakaway Sign Posts, 2.5 LB/LF <small>(10 14 53 11-0247)</small>		
			10 14 53 11-0252 LF 2.5 LB/LF Breakaway Sign Post	12.25	2.25
			10 14 53 11-0253 4 LB/FT Breakaway Sign Posts And Base Posts <small>(10 14 53 11-0246)</small>		
			10 14 53 11-0254 Base Posts, 4 LB/LF, For Breakaway Sign Posts <small>(10 14 53 11-0253)</small>		
			10 14 53 11-0255 EA Base Post For 4 LB/LF Breakaway Sign Post.....	99.04	27.00
			10 14 53 11-0256 EA Lap Splice Hardware for 4 LB/LF Breakaway Sign Post.....	58.54	18.00
			10 14 53 11-0257 Breakaway Sign Posts, 4 LB/LF <small>(10 14 53 11-0253)</small>		
			10 14 53 11-0258 LF 4 LB/LF Breakaway Sign Post	15.04	2.25
			10 14 53 11-0259 Driven Sign Posts <small>(10 14 53 11-0246)</small>		
			10 14 53 11-0260 Driven Posts, 2.5 LB/LF <small>(10 14 53 11-0259)</small>		
			10 14 53 11-0261 LF 2.5 LB/LF Driven Post.....	13.15	3.15
			10 14 53 11-0262 Driven Posts, 4 LB/LF <small>(10 14 53 11-0259)</small>		
			10 14 53 11-0263 LF 4 LB/LF Driven Post.....	16.39	3.60
			10 14 53 11-0264 Omni-Directional Breakaway System For Sign Posts And Light Poles <small>(10 14 53 11-0246)</small>		
			10 14 53 11-0265 Omni-Directional Breakaway Systems For Signs <small>(10 14 53 11-0264)</small> Note: Break-Safe as manufactured by Trampo Industries. Tasks are organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
			10 14 53 11-0266 EA Omni-Directional Breakaway System For 6" To 8" Wide Flange (Trampo B525).....	1,427.45	
			10 14 53 11-0267 EA Omni-Directional Breakaway System For 10" To 21" Wide Flange (Trampo B650).....	1,520.93	
			10 14 53 11-0268 EA Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Trampo A14 And A16).....	1,042.73	
			10 14 53 11-0269 EA Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Trampo A3 And A4.5).....	913.28	
			10 14 53 11-0270 EA Omni-Directional Breakaway System For Square Tube (Trampo AS3 And AS4).....	1,035.54	
			10 14 53 11-0271 EA Omni-Directional Breakaway System For U-Channels (Trampo AU4 To AU6).....	985.19	
			10 14 53 11-0272 EA Omni-Directional Breakaway System For U-Channels Embedded (Trampo AUX4 To AUX6).....	1,067.89	
			10 14 53 11-0273 Omni-Directional Breakaway Systems For Poles <small>(10 14 53 11-0264)</small> Note: Pole-Safe as Manufactured by Trampo Industries. Tasks are organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retro-fitting existing poles.		
			10 14 53 11-0274 EA Omni-Directional Breakaway System For Poles With 5/8" Couplings.....	481.22	
			10 14 53 11-0275 EA Omni-Directional Breakaway System For Poles With 3/4" Couplings	504.51	
			10 14 53 11-0276 EA Omni-Directional Breakaway System For Poles With 1" Couplings	523.92	
			10 14 53 11-0277 EA Omni-Directional Breakaway System For Poles With 1 1/4" Couplings.....	795.58	
			10 14 53 11-0278 EA Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15".....	69.85	
			10 14 53 11-0279 EA Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20".....	93.14	
			10 14 53 11-0280 Wood Posts <small>(10 14 53 11-0246)</small> Note: The quantity is the total length, including the buried portion.		
			10 14 53 11-0281 LF 4" x 4" Pressure Treated Wood Sign Post	10.77	



Specialties	10	10
Information Specialties	10 10	
Signage	10 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0282 Sign Post Accessories <small>(10 14 53 11-0004)</small>		
10 14 53 11-0283 Sign Post Brackets <small>(10 14 53 11-0282)</small>		
10 14 53 11-0284 EA 2-3/8" Outside Diameter, Single Side Sign Bracket Set..... Note: Includes 2 single side sign post brackets	48.14	6.75
10 14 53 11-0285 EA 2-3/8" Outside Diameter, Double Side Sign Bracket Set Note: Includes 2 double side sign post brackets	64.13	11.25
10 14 53 11-0286 EA 4" To 12" Diameter, Buckle Bracket Set..... Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware	58.12	9.00
10 14 53 11-0287 Sign Post Caps <small>(10 14 53 11-0282)</small>		
10 14 53 11-0288 EA 2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2).....	21.92	4.50
10 14 53 11-0289 Sign Post Replacement Bolts <small>(10 14 53 11-0282)</small>		
10 14 53 11-0290 EA Signage Fasteners Replacement..... Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	15.19	
10 14 53 11-0291 Reflective Panels For "U" Channel Post <small>(10 14 53 11-0282)</small>		
10 14 53 11-0292 EA 3" x 72" Reflective Panel For "U-Channel" Post Note: Diamond grade panel including mounting hardware.	64.41	
10 14 53 11-0293 Removal Of Signs <small>(10 14 53 11)</small>		
Note: Includes structural supports.		
10 14 53 11-0294 EA >4 To 10 SF Sign Area, Sign Removal.....	180.00	
10 14 53 11-0295 EA >10 To 20 SF Sign Area, Sign Removal.....	432.02	
10 14 53 11-0296 EA >20 To 40 SF Sign Area, Sign Removal.....	648.03	
10 14 53 11-0297 EA >40 To 100 SF Sign Area, Sign Removal.....	1,079.65	
10 14 53 11-0298 Removal And Reinstallation Of Signs <small>(10 14 53 11)</small>		
Note: Includes structural supports.		
10 14 53 11-0299 EA >4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	274.77	
10 14 53 11-0300 EA >10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	651.42	
10 14 53 11-0301 EA >20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign.....	974.93	
10 14 53 11-0302 EA >40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign.....	1,622.14	
10 14 53 11-0303 EA Removal And Reinstallation Of Street Sign On Post	103.50	
10 14 53 11-0304 EA Removal And Relocation Of Traffic Light..... Note: Excludes electrical hookup.	378.86	

END OF SECTION 10

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements ⁽³²⁾

32 01 11 Paving Cleaning ^(32 01)

32 01 11 53 Paint Removal from Paving ^(32 01 11)

32 01 11 53-0001 Remove Painted Or Epoxy Pavement Markings ^(32 01 11 53)

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF Removal Of 4" Wide Painted Or Epoxy Pavement Striping	2.24
	For Up To 250, Add	1.12
	For >250 To 1,000, Add	0.56
	For >5,000 To 10,000, Deduct	-0.34
	For >10,000 To 25,000, Deduct	-0.56
	For >25,000 To 50,000, Deduct	-0.78
	For >50,000, Deduct	-0.90
32 01 11 53-0003	LF Removal Of 6" Wide Painted Or Epoxy Pavement Striping	2.68
	For Up To 250, Add	1.34
	For >250 To 1,000, Add	0.67
	For >5,000 To 10,000, Deduct	-0.40
	For >10,000 To 25,000, Deduct	-0.67
	For >25,000 To 50,000, Deduct	-0.94
	For >50,000, Deduct	-1.07
32 01 11 53-0004	LF Removal Of 8" Wide Painted Or Epoxy Pavement Striping	3.22
	For Up To 250, Add	1.61
	For >250 To 1,000, Add	0.81
	For >5,000 To 10,000, Deduct	-0.48
	For >10,000 To 25,000, Deduct	-0.81
	For >25,000 To 50,000, Deduct	-1.13
	For >50,000, Deduct	-1.29
32 01 11 53-0005	LF Removal Of 12" Wide Painted Or Epoxy Pavement Striping	3.85
	For Up To 250, Add	1.93
	For >250 To 1,000, Add	0.96
	For >5,000 To 10,000, Deduct	-0.58
	For >10,000 To 25,000, Deduct	-0.96
	For >25,000 To 50,000, Deduct	-1.35
	For >50,000, Deduct	-1.54
32 01 11 53-0006	SF Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	3.85
	For Up To 250, Add	1.93
	For >250 To 1,000, Add	0.96
	For >5,000 To 10,000, Deduct	-0.58
	For >10,000 To 25,000, Deduct	-0.96
	For >25,000 To 50,000, Deduct	-1.35
	For >50,000, Deduct	-1.54
32 01 11 53-0007	Remove Thermoplastic Pavement Markings ^(32 01 11 53)	
32 01 11 53-0008	LF Remove Thermoplastic Pavement Stripe	1.52
32 01 11 53-0009	SF Remove Thermoplastic Pavement Marking	6.25

32 10 Bases, Ballasts, and Paving ⁽³²⁾

32 17 Paving Specialties ^(32 10)

32 17 23 Pavement Markings ^(32 17)

32 17 23 13 Painted Pavement Markings ^(32 17 23)

32 17 23 13-0001 Minimum Charge For Pavement Striping ^(32 17 23 13)

32 17 23 13-0002	EA Pavement Striping Minimum Charge	425.34
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32 17 23 13-0003 Striping, Letters, Symbols And Markers for Roads And Airports ^(32 17 23 13)

Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.

32 17 23 13-0004 Epoxy Reflective Pavement Marking ^(32 17 23 13-0003)

Note: 15 mil thickness.

32 17 23 13-0005	LF Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.83
	For 20 Mil Thickness, Add	0.21
	For Up To 5,000 LF, Add	0.17
	For >25,000 LF, Deduct	-0.12
	For Broken Line (25% Solid), Deduct	-0.44
32 17 23 13-0006	LF Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	1.17
	For 20 Mil Thickness, Add	0.30
	For Up To 5,000 LF, Add	0.23
	For >25,000 LF, Deduct	-0.18
	For Broken Line (25% Solid), Deduct	-0.65

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0007	LF		Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping.....	1.43	
			<i>For 20 Mil Thickness, Add</i>	0.37	
			<i>For Up To 5,000 LF, Add</i>	0.29	
			<i>For >25,000 LF, Deduct</i>	-0.21	
			<i>For Broken Line (25% Solid), Deduct</i>	-0.78	
32 17 23 13-0008	LF		Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping.....	2.20	
			<i>For 20 Mil Thickness, Add</i>	0.59	
			<i>For Up To 5,000 LF, Add</i>	0.44	
			<i>For >25,000 LF, Deduct</i>	-0.33	
			<i>For Broken Line (25% Solid), Deduct</i>	-1.28	
32 17 23 13-0009	LF		Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	1.39	
			<i>For 20 Mil Thickness, Add</i>	0.39	
			<i>For Up To 5,000 LF, Add</i>	0.28	
			<i>For >25,000 LF, Deduct</i>	-0.21	
			<i>For Broken Line On One Side, Deduct</i>	-0.43	
			<i>For Double Broken Line, Deduct</i>	-0.86	
32 17 23 13-0010	LF		Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	2.00	
			<i>For 20 Mil Thickness, Add</i>	0.58	
			<i>For Up To 5,000 LF, Add</i>	0.40	
			<i>For >25,000 LF, Deduct</i>	-0.30	
			<i>For Broken Line On One Side, Deduct</i>	-0.64	
			<i>For Double Broken Line, Deduct</i>	-1.28	
32 17 23 13-0011	SF		Solid Area, Epoxy Reflective Pavement Marking.....	9.45	
			Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
			<i>For 20 Mil Thickness, Add</i>	1.34	
32 17 23 13-0012	EA		6" High, Letter/Number, Epoxy Reflective Pavement Marking.....	5.59	
			<i>For 20 Mil Thickness, Add</i>	0.63	
			<i>For <10, Add</i>	0.65	
			<i>For >50 To 100, Deduct</i>	-0.33	
			<i>For >100 To 200, Deduct</i>	-0.44	
			<i>For >200, Deduct</i>	-0.87	
32 17 23 13-0013	EA		12" High, Letter/Number, Epoxy Reflective Pavement Marking.....	11.02	
			<i>For 20 Mil Thickness, Add</i>	1.81	
			<i>For <10, Add</i>	0.99	
			<i>For >50 To 100, Deduct</i>	-0.49	
			<i>For >100 To 200, Deduct</i>	-0.66	
			<i>For >200, Deduct</i>	-1.32	
32 17 23 13-0014	EA		24" High, Letter/Number, Epoxy Reflective Pavement Marking.....	18.71	
			<i>For 20 Mil Thickness, Add</i>	3.13	
			<i>For <10, Add</i>	1.64	
			<i>For >50 To 100, Deduct</i>	-0.82	
			<i>For >100 To 200, Deduct</i>	-1.10	
			<i>For >200, Deduct</i>	-2.19	
32 17 23 13-0015	EA		36" High, Letter/Number, Epoxy Reflective Pavement Marking.....	35.55	
			<i>For 20 Mil Thickness, Add</i>	5.64	
			<i>For <10, Add</i>	3.29	
			<i>For >50 To 100, Deduct</i>	-1.64	
			<i>For >100 To 200, Deduct</i>	-2.19	
			<i>For >200, Deduct</i>	-4.38	
32 17 23 13-0016	EA		48" High, Letter/Number, Epoxy Reflective Pavement Marking.....	42.30	
			<i>For 20 Mil Thickness, Add</i>	7.14	
			<i>For <10, Add</i>	3.68	
			<i>For >50 To 100, Deduct</i>	-1.84	
			<i>For >100 To 200, Deduct</i>	-2.46	
			<i>For >200, Deduct</i>	-4.91	
32 17 23 13-0017	EA		72" High, Letter/Number, Epoxy Reflective Pavement Marking.....	76.10	
			<i>For 20 Mil Thickness, Add</i>	12.99	
			<i>For <10, Add</i>	6.55	
			<i>For >50 To 100, Deduct</i>	-3.28	
			<i>For >100 To 200, Deduct</i>	-4.37	
			<i>For >200, Deduct</i>	-8.74	
32 17 23 13-0018	EA		96" High, Letter/Number, Epoxy Reflective Pavement Marking.....	101.31	
			<i>For 20 Mil Thickness, Add</i>	17.15	
			<i>For <10, Add</i>	8.80	
			<i>For >50 To 100, Deduct</i>	-4.40	
			<i>For >100 To 200, Deduct</i>	-5.87	
			<i>For >200, Deduct</i>	-11.73	
32 17 23 13-0019	EA		120" High, Letter/Number, Epoxy Reflective Pavement Marking.....	167.89	
			<i>For 20 Mil Thickness, Add</i>	35.36	
			<i>For <10, Add</i>	10.91	
			<i>For >50 To 100, Deduct</i>	-5.45	
			<i>For >100 To 200, Deduct</i>	-7.27	
			<i>For >200, Deduct</i>	-14.54	
32 17 23 13-0020	SF		Letter/Number, Epoxy Reflective Pavement Marking.....	9.66	
			<i>For 20 Mil Thickness, Add</i>	1.35	
32 17 23 13-0021	SF		Symbols, Epoxy Reflective Pavement Marking.....	11.89	
			Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0022			Alkyd/Solvent Based/Latex Reflective Pavement Marking <small>(32 17 23 13-0003)</small>		
			Note: 15 mil thickness.		
32 17 23 13-0023	LF		Single 4" Wide Solid Line, Painted Reflective Pavement Striping.....	0.34	
			Note: Includes solvent based and latex paints.		
			<i>For Up To 5,000 LF, Add</i>	0.07	
			<i>For >25,000 LF, Deduct</i>	-0.05	
			<i>For Broken Line (25% Solid), Deduct</i>	-0.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0024 LF Single 6" Wide Solid Line, Painted Reflective Pavement Striping.....0.43 Note: Includes solvent based and latex paints. <i>For Up To 5,000 LF, Add</i> 0.09 <i>For >25,000 LF, Deduct</i> -0.06 <i>For Broken Line (25% Solid), Deduct</i> -0.10		
32 17 23 13-0025 LF Single 8" Wide Solid Line, Painted Reflective Pavement Striping.....0.55 Note: Includes solvent based and latex paints. <i>For Up To 5,000 LF, Add</i> 0.11 <i>For >25,000 LF, Deduct</i> -0.08 <i>For Broken Line (25% Solid), Deduct</i> -0.12		
32 17 23 13-0026 LF Single 12" Wide Solid Line, Painted Reflective Pavement Striping.....0.74 Note: Includes solvent based and latex paints. <i>For Up To 5,000 LF, Add</i> 0.15 <i>For >25,000 LF, Deduct</i> -0.11 <i>For Broken Line (25% Solid), Deduct</i> -0.18		
32 17 23 13-0027 LF Double 4" Wide Solid Lines, Painted Reflective Pavement Striping0.50 <i>For Up To 5,000 LF, Add</i> 0.10 <i>For >25,000 LF, Deduct</i> -0.08 <i>For Broken Line On One Side, Deduct</i> -0.06 <i>For Double Broken Line, Deduct</i> -0.12		
32 17 23 13-0028 LF Double 6" Wide Solid Lines, Painted Reflective Pavement Striping0.74 <i>For Up To 5,000 LF, Add</i> 0.15 <i>For >25,000 LF, Deduct</i> -0.11 <i>For Broken Line On One Side, Deduct</i> -0.09 <i>For Double Broken Line, Deduct</i> -0.18		
32 17 23 13-0029 SF Solid Area, Painted Reflective Pavement Striping6.62 Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0030 EA 6" (15 cm) High, Letter/Number, Painted Reflective Pavement Marking.....5.00 Note: Includes solvent based and latex paints. <i>For <10, Add</i> 0.65 <i>For >50 To 100, Deduct</i> -0.33 <i>For >100 To 200, Deduct</i> -0.44 <i>For >200, Deduct</i> -0.87		
32 17 23 13-0031 EA 12" (31 cm) High, Letter/Number, Painted Reflective Pavement Marking.....8.91 Note: Includes solvent based and latex paints. <i>For <10, Add</i> 0.99 <i>For >50 To 100, Deduct</i> -0.49 <i>For >100 To 200, Deduct</i> -0.66 <i>For >200, Deduct</i> -1.32		
32 17 23 13-0032 EA 24" (61 cm) High, Letter/Number, Painted Reflective Pavement Marking.....15.02 Note: Includes solvent based and latex paints. <i>For <10, Add</i> 1.64 <i>For >50 To 100, Deduct</i> -0.82 <i>For >100 To 200, Deduct</i> -1.10 <i>For >200, Deduct</i> -2.19		
32 17 23 13-0033 EA 36" (91 cm) High, Letter/Number, Painted Reflective Pavement Marking.....29.05 Note: Includes solvent based and latex paints. <i>For <10, Add</i> 3.29 <i>For >50 To 100, Deduct</i> -1.64 <i>For >100 To 200, Deduct</i> -2.19 <i>For >200, Deduct</i> -4.38		
32 17 23 13-0034 EA 48" (122 cm) High, Letter/Number, Painted Reflective Pavement Marking.....33.86 Note: Includes solvent based and latex paints. <i>For <10, Add</i> 3.68 <i>For >50 To 100, Deduct</i> -1.84 <i>For >100 To 200, Deduct</i> -2.46 <i>For >200, Deduct</i> -4.91		
32 17 23 13-0035 EA 72" (183 cm) High, Letter/Number, Painted Reflective Pavement Marking.....60.68 Note: Includes solvent based and latex paints. <i>For <10, Add</i> 6.55 <i>For >50 To 100, Deduct</i> -3.28 <i>For >100 To 200, Deduct</i> -4.37 <i>For >200, Deduct</i> -8.74		
32 17 23 13-0036 EA 96" (244 cm) High, Letter/Number, Painted Reflective Pavement Marking.....81.03 Note: Includes solvent based and latex paints. <i>For <10, Add</i> 8.80 <i>For >50 To 100, Deduct</i> -4.40 <i>For >100 To 200, Deduct</i> -5.87 <i>For >200, Deduct</i> -11.73		
32 17 23 13-0037 EA 120" (305 cm) High, Letter/Number, Painted Reflective Pavement Marking.....122.61 Note: Includes solvent based and latex paints. <i>For <10, Add</i> 10.91 <i>For >50 To 100, Deduct</i> -5.45 <i>For >100 To 200, Deduct</i> -7.27 <i>For >200, Deduct</i> -14.54		
32 17 23 13-0038 SF Letter/Number, Painted Reflective Pavement Marking8.20 Note: Includes solvent based and latex paints.		
32 17 23 13-0039 SF Symbols, Painted Reflective Pavement Marking9.69 Note: Handicap, railroad, diamond, arrows, etc. Includes solvent based and latex paints.		
32 17 23 13-0040 Painted Reflective Pavement Marking (CALTRANS) (32 17 23 13) Note: 20 to 25 mil thickness, per LF of detail.		
32 17 23 13-0041 LF CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping0.28 <i>For Up To 5,000 LF, Add</i> 0.06 <i>For >25,000 LF, Deduct</i> -0.04		

32 Exterior Improvements

32 10 Bases, Ballasts, and Paving

32 17 Paving Specialties



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0042 LF CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.45 0.09 -0.07	
32 17 23 13-0043 LF CALTRANS Detail 4 Centerline <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	1.05 0.21 -0.16	
32 17 23 13-0044 LF CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.27 0.05 -0.04	
32 17 23 13-0045 LF CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.46 0.09 -0.07	
32 17 23 13-0046 LF CALTRANS Detail 7 Centerline <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.76 0.15 -0.11	
32 17 23 13-0047 LF CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.28 0.06 -0.04	
32 17 23 13-0048 LF CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.45 0.09 -0.07	
32 17 23 13-0049 LF CALTRANS Detail 10 Lanelines <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	1.05 0.21 -0.16	
32 17 23 13-0050 LF CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.27 0.05 -0.04	
32 17 23 13-0051 LF CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.45 0.09 -0.07	
32 17 23 13-0052 LF CALTRANS Detail 13 Lanelines <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.76 0.15 -0.11	
32 17 23 13-0053 LF CALTRANS Detail 14 Lanelines <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.76 0.15 -0.11	
32 17 23 13-0054 LF CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.45 0.09 -0.07	
32 17 23 13-0055 LF CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i> <i>For Broken Line On One Side, Deduct</i> <i>For Double Broken Line, Deduct</i>	0.37 0.07 -0.06 -0.05 -0.09	
32 17 23 13-0056 LF CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	1.08 0.22 -0.16	
32 17 23 13-0057 LF CALTRANS Detail 17 No Passing Zones-One Direction Lanelines <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	3.04 0.61 -0.46	
32 17 23 13-0058 LF CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i> <i>For Broken Line On One Side, Deduct</i> <i>For Double Broken Line, Deduct</i>	0.37 0.07 -0.06 -0.05 -0.09	
32 17 23 13-0059 LF CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.90 0.18 -0.14	
32 17 23 13-0060 LF CALTRANS Detail 20 No Passing Zones-One Direction Lanelines <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	2.58 0.52 -0.39	
32 17 23 13-0061 LF CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i> <i>For Broken Line On One Side, Deduct</i> <i>For Double Broken Line, Deduct</i>	0.44 0.09 -0.07 -0.07 -0.14	
32 17 23 13-0062 LF CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	1.15 0.23 -0.17	
32 17 23 13-0063 LF CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	3.63 0.73 -0.54	
32 17 23 13-0064 LF CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.35 0.07 -0.05	
32 17 23 13-0065 LF CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.52 0.10 -0.08	
32 17 23 13-0066 LF CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.70 0.14 -0.11	
32 17 23 13-0067 LF CALTRANS Detail 26 Left Edgelines <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	0.18 0.04 -0.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0068 LF CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping.....	0.62	
<i>For Up To 5,000 LF, Add</i>	0.12	
<i>For >25,000 LF, Deduct</i>	-0.09	
32 17 23 13-0069 LF CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping.....	0.35	
<i>For Up To 5,000 LF, Add</i>	0.07	
<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0070 LF CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping.....	0.27	
<i>For Up To 5,000 LF, Add</i>	0.05	
<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0071 LF CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping.....	0.88	
<i>For Up To 5,000 LF, Add</i>	0.18	
<i>For >25,000 LF, Deduct</i>	-0.13	
<i>For Broken Line On One Side, Deduct</i>	-0.14	
<i>For Double Broken Line, Deduct</i>	-0.29	
32 17 23 13-0072 LF CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping.....	1.59	
<i>For Up To 5,000 LF, Add</i>	0.32	
<i>For >25,000 LF, Deduct</i>	-0.24	
32 17 23 13-0073 LF CALTRANS Detail 30 Median Islands.....	7.26	
<i>For Up To 5,000 LF, Add</i>	1.45	
<i>For >25,000 LF, Deduct</i>	-1.09	
32 17 23 13-0074 LF CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping.....	0.74	
<i>For Up To 5,000 LF, Add</i>	0.15	
<i>For >25,000 LF, Deduct</i>	-0.11	
<i>For Broken Line On One Side, Deduct</i>	-0.09	
<i>For Double Broken Line, Deduct</i>	-0.18	
32 17 23 13-0075 LF CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping.....	1.62	
<i>For Up To 5,000 LF, Add</i>	0.32	
<i>For >25,000 LF, Deduct</i>	-0.24	
32 17 23 13-0076 LF CALTRANS Detail 33 Two-Way Left Turn Lanes.....	4.98	
<i>For Up To 5,000 LF, Add</i>	1.00	
<i>For >25,000 LF, Deduct</i>	-0.75	
32 17 23 13-0077 LF CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping.....	0.90	
<i>For Up To 5,000 LF, Add</i>	0.18	
<i>For >25,000 LF, Deduct</i>	-0.14	
32 17 23 13-0078 LF CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping.....	0.37	
<i>For Up To 5,000 LF, Add</i>	0.07	
<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0079 LF CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping.....	1.08	
<i>For Up To 5,000 LF, Add</i>	0.22	
<i>For >25,000 LF, Deduct</i>	-0.16	
32 17 23 13-0080 LF CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping.....	0.37	
<i>For Up To 5,000 LF, Add</i>	0.07	
<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0081 LF CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping.....	1.81	
<i>For Up To 5,000 LF, Add</i>	0.36	
<i>For >25,000 LF, Deduct</i>	-0.27	
32 17 23 13-0082 LF CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping.....	1.15	
<i>For Up To 5,000 LF, Add</i>	0.23	
<i>For >25,000 LF, Deduct</i>	-0.17	
32 17 23 13-0083 LF CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping.....	1.24	
<i>For Up To 5,000 LF, Add</i>	0.25	
<i>For >25,000 LF, Deduct</i>	-0.19	
32 17 23 13-0084 LF CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping.....	1.14	
<i>For Up To 5,000 LF, Add</i>	0.23	
<i>For >25,000 LF, Deduct</i>	-0.17	
32 17 23 13-0085 LF CALTRANS Detail 37A Lane Drop At Exit Ramps.....	2.44	
<i>For Up To 5,000 LF, Add</i>	0.49	
<i>For >25,000 LF, Deduct</i>	-0.37	
32 17 23 13-0086 LF CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping.....	1.14	
<i>For Up To 5,000 LF, Add</i>	0.23	
<i>For >25,000 LF, Deduct</i>	-0.17	
32 17 23 13-0087 LF CALTRANS Detail 37C Lane Drop At Intersections.....	2.44	
<i>For Up To 5,000 LF, Add</i>	0.49	
<i>For >25,000 LF, Deduct</i>	-0.37	
32 17 23 13-0088 LF CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping.....	1.05	
<i>For Up To 5,000 LF, Add</i>	0.21	
<i>For >25,000 LF, Deduct</i>	-0.16	
32 17 23 13-0089 LF CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping.....	0.70	
<i>For Up To 5,000 LF, Add</i>	0.14	
<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0090 LF CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping.....	1.41	
<i>For Up To 5,000 LF, Add</i>	0.28	
<i>For >25,000 LF, Deduct</i>	-0.21	
32 17 23 13-0091 LF CALTRANS Detail 38C Channelizing Line.....	3.63	
<i>For Up To 5,000 LF, Add</i>	0.73	
<i>For >25,000 LF, Deduct</i>	-0.54	
32 17 23 13-0092 LF CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping.....	0.42	
<i>For Up To 5,000 LF, Add</i>	0.08	
<i>For >25,000 LF, Deduct</i>	-0.06	
32 17 23 13-0093 LF CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping.....	0.34	
<i>For Up To 5,000 LF, Add</i>	0.07	
<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0094 LF CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping.....	0.26	
<i>For Up To 5,000 LF, Add</i>	0.05	
<i>For >25,000 LF, Deduct</i>	-0.04	

32 Exterior Improvements

32 10 Bases, Ballasts, and Paving

32 17 Paving Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23	13-0095	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	1.75	
			<i>For Up To 5,000 LF, Add</i>	0.35	
			<i>For >25,000 LF, Deduct</i>	-0.26	
32 17 23	13-0096	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.26	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23	13-0097	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections.....	1.75	
			<i>For Up To 5,000 LF, Add</i>	0.35	
			<i>For >25,000 LF, Deduct</i>	-0.26	
32 17 23	13-0098	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	129.44	
			<i>For <10, Add</i>	15.95	
			<i>For >50 To 100, Deduct</i>	-7.97	
			<i>For >100 To 200, Deduct</i>	-10.63	
			<i>For >200, Deduct</i>	-21.26	
32 17 23	13-0099	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	227.34	
			<i>For <10, Add</i>	27.90	
			<i>For >50 To 100, Deduct</i>	-13.95	
			<i>For >100 To 200, Deduct</i>	-18.60	
			<i>For >200, Deduct</i>	-37.20	
32 17 23	13-0100	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	285.09	
			<i>For <10, Add</i>	35.08	
			<i>For >50 To 100, Deduct</i>	-17.54	
			<i>For >100 To 200, Deduct</i>	-23.39	
			<i>For >200, Deduct</i>	-46.77	
32 17 23	13-0101	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	414.54	
			<i>For <10, Add</i>	51.02	
			<i>For >50 To 100, Deduct</i>	-25.51	
			<i>For >100 To 200, Deduct</i>	-34.02	
			<i>For >200, Deduct</i>	-68.03	
32 17 23	13-0102	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	543.97	
			<i>For <10, Add</i>	66.97	
			<i>For >50 To 100, Deduct</i>	-33.48	
			<i>For >100 To 200, Deduct</i>	-44.65	
			<i>For >200, Deduct</i>	-89.29	
32 17 23	13-0103	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking.....	383.00	
			<i>For <10, Add</i>	47.04	
			<i>For >50 To 100, Deduct</i>	-23.52	
			<i>For >100 To 200, Deduct</i>	-31.36	
			<i>For >200, Deduct</i>	-62.72	
32 17 23	13-0104	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking.....	668.10	
			<i>For <10, Add</i>	82.12	
			<i>For >50 To 100, Deduct</i>	-41.06	
			<i>For >100 To 200, Deduct</i>	-54.74	
			<i>For >200, Deduct</i>	-109.49	
32 17 23	13-0105	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	136.40	
			<i>For <10, Add</i>	16.74	
			<i>For >50 To 100, Deduct</i>	-8.37	
			<i>For >100 To 200, Deduct</i>	-11.16	
			<i>For >200, Deduct</i>	-22.32	
32 17 23	13-0106	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking.....	299.04	
			<i>For <10, Add</i>	36.67	
			<i>For >50 To 100, Deduct</i>	-18.34	
			<i>For >100 To 200, Deduct</i>	-24.45	
			<i>For >200, Deduct</i>	-48.90	
32 17 23	13-0107	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking.....	383.00	
			<i>For <10, Add</i>	47.04	
			<i>For >50 To 100, Deduct</i>	-23.52	
			<i>For >100 To 200, Deduct</i>	-31.36	
			<i>For >200, Deduct</i>	-62.72	
32 17 23	13-0108	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	246.80	
			<i>For <10, Add</i>	30.30	
			<i>For >50 To 100, Deduct</i>	-15.15	
			<i>For >100 To 200, Deduct</i>	-20.20	
			<i>For >200, Deduct</i>	-40.39	
32 17 23	13-0109	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	325.25	
			<i>For <10, Add</i>	39.86	
			<i>For >50 To 100, Deduct</i>	-19.93	
			<i>For >100 To 200, Deduct</i>	-26.58	
			<i>For >200, Deduct</i>	-53.15	
32 17 23	13-0110	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	64.72	
			<i>For <10, Add</i>	7.97	
			<i>For >50 To 100, Deduct</i>	-3.99	
			<i>For >100 To 200, Deduct</i>	-5.32	
			<i>For >200, Deduct</i>	-10.63	
32 17 23	13-0111	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking.....	620.62	
			Note: Excludes variable width transverse lines.		
			<i>For <10, Add</i>	75.74	
			<i>For >50 To 100, Deduct</i>	-37.87	
			<i>For >100 To 200, Deduct</i>	-50.49	
			<i>For >200, Deduct</i>	-100.98	
32 17 23	13-0112	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking.....	8.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0113 EA CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking.....	67.60	
Note: Approximate overall dimensions: 4' width x 8' height.		
For <10, Add	5.74	
For >50 To 100, Deduct	-2.87	
For >100 To 200, Deduct	-3.83	
For >200, Deduct	-7.65	
32 17 23 13-0114 EA CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking.....	71.77	
Note: Approximate overall dimensions: 4' width x 8' height.		
For <10, Add	6.06	
For >50 To 100, Deduct	-3.03	
For >100 To 200, Deduct	-4.04	
For >200, Deduct	-8.08	
32 17 23 13-0115 EA CALTRANS Diamond Symbol, Painted Reflective Pavement Marking.....	103.22	
For <10, Add	12.76	
For >50 To 100, Deduct	-6.38	
For >100 To 200, Deduct	-8.50	
For >200, Deduct	-17.01	
32 17 23 13-0116 EA CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	210.22	
For <10, Add	25.83	
For >50 To 100, Deduct	-12.92	
For >100 To 200, Deduct	-17.22	
For >200, Deduct	-34.44	
32 17 23 13-0117 EA CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking.....	43.61	
Note: Approximate overall dimensions: 4' width x 8' height.		
For <10, Add	6.06	
For >50 To 100, Deduct	-3.03	
For >100 To 200, Deduct	-4.04	
For >200, Deduct	-8.08	
32 17 23 13-0118 SF CALTRANS Letter/Number, Painted Reflective Pavement Marking	8.24	
32 17 23 13-0119 SF CALTRANS Symbols, Painted Reflective Pavement Marking	9.09	
Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0120 Pavement Striping, Letters And Symbols For Parking Areas (32 17 23 13)		
Note: Includes primers. Per Coat.		
32 17 23 13-0121 Painted Pavement Marking For Parking Areas (32 17 23 13-0120)		
Note: 15 mil thickness.		
32 17 23 13-0122 LF Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.27	
32 17 23 13-0123 LF Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.38	
32 17 23 13-0124 LF Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.47	
32 17 23 13-0125 LF Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.65	
32 17 23 13-0126 SF Solid Area, Painted Pavement Marking For Parking Areas	6.58	
Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0127 EA 6" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	4.88	
For Up To 10, Add	0.64	
For >50 To 100, Deduct	-0.32	
For >100 To 200, Deduct	-0.43	
For >200, Deduct	-0.85	
32 17 23 13-0128 EA 12" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	8.65	
For Up To 10, Add	0.96	
For >50 To 100, Deduct	-0.48	
For >100 To 200, Deduct	-0.64	
For >200, Deduct	-1.28	
32 17 23 13-0129 EA 24" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	14.60	
For Up To 10, Add	1.59	
For >50 To 100, Deduct	-0.80	
For >100 To 200, Deduct	-1.06	
For >200, Deduct	-2.13	
32 17 23 13-0130 EA 36" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	27.17	
For Up To 10, Add	3.03	
For >50 To 100, Deduct	-1.51	
For >100 To 200, Deduct	-2.02	
For >200, Deduct	-4.04	
32 17 23 13-0131 EA 42" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	35.67	
For Up To 10, Add	4.15	
For >50 To 100, Deduct	-2.07	
For >100 To 200, Deduct	-2.76	
For >200, Deduct	-5.53	
32 17 23 13-0132 EA 48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	43.09	
For Up To 10, Add	5.10	
For >50 To 100, Deduct	-2.55	
For >100 To 200, Deduct	-3.40	
For >200, Deduct	-6.80	
32 17 23 13-0133 EA 72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	59.10	
For Up To 10, Add	6.38	
For >50 To 100, Deduct	-3.19	
For >100 To 200, Deduct	-4.25	
For >200, Deduct	-8.50	
32 17 23 13-0134 EA Through Lane Arrow, Painted Pavement Marking For Parking Areas	113.66	
Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23 13-0135 EA Turn Lane Arrow, Painted Pavement Marking For Parking Areas	134.08	
Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 13-0136 EA Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas	200.97	
Note: Approximate overall dimensions: 11' width x 8' height.		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0137 EA Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	205.68	
Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23 13-0138 EA Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas	276.94	
Note: Approximate overall dimensions: 9' width x 15' height.		
32 17 23 13-0139 EA Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas	43.18	
Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.		
For Blue Background With White Symbol, Add	37.17	
For Blue Background With White Symbol And Border, Add	46.47	
32 17 23 13-0140 EA Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas.....	68.37	
Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.		
For Blue Background With White Symbol, Add	81.56	
For Blue Background With White Symbol And Border, Add	101.95	
32 17 23 13-0141 Painted Curbs (32 17 23 13)		
Note: All colors.		
32 17 23 13-0142 LF Reflective Painted Curb	3.63	
32 17 23 13-0143 LF Reflective Painted Curb And Gutter.....	6.90	
32 17 23 13-0144 LF Painted Curb.....	2.95	
32 17 23 13-0145 LF Painted Curb And Gutter.....	6.30	
32 17 23 13-0146 Markings For Outdoor Play Areas, Courts (32 17 23 13)		
32 17 23 13-0147 LF 2" Wide Marking For Outdoor Play Areas	1.15	
32 17 23 13-0148 LF 3" Wide Marking For Outdoor Play Areas	1.29	
32 17 23 13-0149 LF 4" Wide Marking For Outdoor Play Areas	1.46	
32 17 23 13-0150 LF 6" Wide Marking For Outdoor Play Areas	1.71	
32 17 23 13-0151 EA Layout And Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera).....	378.74	
32 17 23 23 Raised Pavement Markings (32 17 23)		
32 17 23 23-0001 Raised Pavement Markers (RPMs) (32 17 23 23)		
Note: White, Red, Yellow/Amber, Green or Blue		
32 17 23 23-0002 EA One-Way Reflective, Raised Pavement Marker (RPM)	7.95	2.74
Note: Type G, H or R		
For >100, Deduct	-0.80	
32 17 23 23-0003 EA Two-Way Reflective, Raised Pavement Marker (RPM)	8.45	2.74
Note: Type B, C, D, AC, RA or RR		
For >100, Deduct	-0.85	
32 17 23 23-0004 EA 4" Diameter, Round Reflective, Raised Pavement Marker (RPM).....	10.49	2.74
For >100, Deduct	-1.05	
32 17 23 23-0005 EA 4" Diameter, Non-Reflective, Raised Pavement Marker (RPM).....	7.31	2.74
Note: Type A or AY		
For >100, Deduct	-0.73	
32 17 23 23-0006 Snowplowable Pavement Markers (32 17 23 23)		
32 17 23 23-0007 EA One-Way Reflective, Snowplowable Pavement Marker With Center Rail.....	78.45	32.99
Note: Type G, H or R		
32 17 23 23-0008 EA Two-Way Reflective, Snowplowable Pavement Marker With Center Rail.....	78.89	32.99
Note: Type B, C, D, AC, RA or RR		
32 17 23 23-0009 EA Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	22.84	
32 17 23 23-0010 EA Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	28.77	
32 17 23 33 Plastic Pavement Markings (32 17 23)		
32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads (32 17 23 33)		
Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
32 17 23 33-0002 Thermoplastic Reflective Pavement Marking (32 17 23 33-0001)		
Note: 90 mil thickness.		
32 17 23 33-0003 LF Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.50	
For Up To 5,000 LF, Add	0.30	
For >25,000 LF, Deduct	-0.23	
For 60 mils Thick, Deduct	-0.20	
For 125 mils Thick, Add	0.26	
For Broken Line (25% Solid), Deduct	-0.87	
32 17 23 33-0004 LF Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.13	
Note: Includes yellow or white.		
For Up To 5,000 LF, Add	0.43	
For >25,000 LF, Deduct	-0.32	
For 60 mils Thick, Deduct	-0.30	
For 125 mils Thick, Add	0.39	
For Broken Line (25% Solid), Deduct	-1.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0005 LF Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping 2.83 Note: Includes yellow or white. For Up To 5,000 LF, Add 0.57 For >25,000 LF, Deduct -0.42 For 60 mils Thick, Deduct -0.40 For 125 mils Thick, Add 0.52 For Broken Line (25% Solid), Deduct -1.73		
32 17 23 33-0006 LF Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping 4.14 Note: Includes yellow or white. For Up To 5,000 LF, Add 0.83 For >25,000 LF, Deduct -0.62 For 60 mils Thick, Deduct -0.61 For 125 mils Thick, Add 0.78 For Broken Line (25% Solid), Deduct -2.60		
32 17 23 33-0007 LF Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping 2.81 Note: Includes yellow or white. For Up To 5,000 LF, Add 0.56 For >25,000 LF, Deduct -0.42 For 60 mils Thick, Deduct -0.40 For 125 mils Thick, Add 0.52 For Broken Line On One Side, Deduct -0.87 For Double Broken Line, Deduct -1.73		
32 17 23 33-0008 LF Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping 4.14 Note: Includes yellow or white. For Up To 5,000 LF, Add 0.83 For >25,000 LF, Deduct -0.62 For 60 mils Thick, Deduct -0.61 For 125 mils Thick, Add 0.78 For Broken Line On One Side, Deduct -1.30 For Double Broken Line, Deduct -2.60		
32 17 23 33-0009 SF Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 9.83 Note: Includes yellow or white. For 60 mils Thick, Deduct -0.60 For 125 mils Thick, Add 0.78		
32 17 23 33-0010 EA 6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 6.70 For Up To 10, Add 0.72 For >50 To 100, Deduct -0.36 For >100 To 200, Deduct -0.48 For >200, Deduct -0.96 For 60 mils Thick, Deduct -0.34 For 125 mils Thick, Add 0.43		
32 17 23 33-0011 EA 12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 14.19 For Up To 10, Add 1.08 For >50 To 100, Deduct -0.54 For >100 To 200, Deduct -0.72 For >200, Deduct -1.45 For 60 mils Thick, Deduct -1.22 For 125 mils Thick, Add 1.57		
32 17 23 33-0012 EA 24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 24.18 For Up To 10, Add 1.80 For >50 To 100, Deduct -0.90 For >100 To 200, Deduct -1.20 For >200, Deduct -2.40 For 60 mils Thick, Deduct -2.13 For 125 mils Thick, Add 2.74		
32 17 23 33-0013 EA 36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 45.53 For Up To 10, Add 3.62 For >50 To 100, Deduct -1.81 For >100 To 200, Deduct -2.41 For >200, Deduct -4.83 For 60 mils Thick, Deduct -3.75 For 125 mils Thick, Add 4.82		
32 17 23 33-0014 EA 48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 54.82 For Up To 10, Add 4.05 For >50 To 100, Deduct -2.03 For >100 To 200, Deduct -2.70 For >200, Deduct -5.40 For 60 mils Thick, Deduct -4.87 For 125 mils Thick, Add 6.26		
32 17 23 33-0015 EA 72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 98.88 For Up To 10, Add 7.21 For >50 To 100, Deduct -3.60 For >100 To 200, Deduct -4.81 For >200, Deduct -9.61 For 60 mils Thick, Deduct -8.90 For 125 mils Thick, Add 11.44		
32 17 23 33-0016 EA 96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 131.40 For Up To 10, Add 9.68 For >50 To 100, Deduct -4.84 For >100 To 200, Deduct -6.45 For >200, Deduct -12.90 For 60 mils Thick, Deduct -11.70 For 125 mils Thick, Add 15.05		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0017	EA		120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	229.20	
			<i>For Up To 10, Add</i>	11.99	
			<i>For >50 To 100, Deduct</i>	-5.99	
			<i>For >100 To 200, Deduct</i>	-7.99	
			<i>For >200, Deduct</i>	-15.99	
			<i>For 60 mils Thick, Deduct</i>	-26.12	
			<i>For 125 mils Thick, Add</i>	33.59	
32 17 23 33-0018	SF		Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	12.05	
			<i>For 60 mils Thick, Deduct</i>	-0.84	
			<i>For 125 mils Thick, Add</i>	1.08	
32 17 23 33-0019	SY		Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	34.33	
			Note: Per SY of area.		
			<i>For 60 mils Thick, Deduct</i>	-1.36	
			<i>For 125 mils Thick, Add</i>	1.75	
32 17 23 33-0020	EA		Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	313.68	
			<i>For 60 mils Thick, Deduct</i>	-19.38	
			<i>For 125 mils Thick, Add</i>	24.92	
32 17 23 33-0021	EA		Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	932.33	
			<i>For 60 mils Thick, Deduct</i>	-58.99	
			<i>For 125 mils Thick, Add</i>	75.84	
32 17 23 33-0022	EA		Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	195.22	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			<i>For 60 mils Thick, Deduct</i>	-26.72	
			<i>For 125 mils Thick, Add</i>	34.36	
32 17 23 33-0023	EA		Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	150.02	
			<i>For 60 mils Thick, Deduct</i>	-9.27	
			<i>For 125 mils Thick, Add</i>	11.92	
32 17 23 33-0024	SF		Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	13.64	
			Note: Handicap, railroad, diamond, arrows, etc.		
			<i>For 60 mils Thick, Deduct</i>	-0.84	
			<i>For 125 mils Thick, Add</i>	1.08	
32 17 23 33-0025	EA		10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	190.93	
			<i>For 60 mils Thick, Deduct</i>	-11.80	
			<i>For 125 mils Thick, Add</i>	15.17	
32 17 23 33-0026	EA		18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	340.95	
			<i>For 60 mils Thick, Deduct</i>	-21.07	
			<i>For 125 mils Thick, Add</i>	27.09	
32 17 23 33-0027	EA		24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	422.78	
			<i>For 60 mils Thick, Deduct</i>	-26.12	
			<i>For 125 mils Thick, Add</i>	33.59	
32 17 23 33-0028	EA		24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	613.71	
			<i>For 60 mils Thick, Deduct</i>	-37.92	
			<i>For 125 mils Thick, Add</i>	48.75	
32 17 23 33-0029	EA		24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	804.64	
			<i>For 60 mils Thick, Deduct</i>	-49.72	
			<i>For 125 mils Thick, Add</i>	63.92	
32 17 23 33-0030	EA		24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	572.80	
			<i>For 60 mils Thick, Deduct</i>	-35.39	
			<i>For 125 mils Thick, Add</i>	45.50	
32 17 23 33-0031	EA		24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	995.57	
			<i>For 60 mils Thick, Deduct</i>	-61.51	
			<i>For 125 mils Thick, Add</i>	79.09	
32 17 23 33-0032	EA		8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	204.58	
			<i>For 60 mils Thick, Deduct</i>	-12.64	
			<i>For 125 mils Thick, Add</i>	16.25	
32 17 23 33-0033	EA		24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	450.05	
			<i>For 60 mils Thick, Deduct</i>	-27.81	
			<i>For 125 mils Thick, Add</i>	35.75	
32 17 23 33-0034	EA		18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	572.80	
			<i>For 60 mils Thick, Deduct</i>	-35.39	
			<i>For 125 mils Thick, Add</i>	45.50	
32 17 23 33-0035	EA		13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	368.22	
			<i>For 60 mils Thick, Deduct</i>	-22.75	
			<i>For 125 mils Thick, Add</i>	29.25	
32 17 23 33-0036	EA		15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	490.97	
			<i>For 60 mils Thick, Deduct</i>	-30.34	
			<i>For 125 mils Thick, Add</i>	39.00	
32 17 23 33-0037	EA		5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking.....	95.47	
			<i>For 60 mils Thick, Deduct</i>	-5.90	
			<i>For 125 mils Thick, Add</i>	7.58	
32 17 23 33-0038			Thermoplastic Reflective Pavement Striping By Hand For Repairs (32 17 23 33-0001)	3.40	
32 17 23 33-0039	LF		Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.40	
			<i>For 60 mils Thick, Deduct</i>	-0.20	
			<i>For 125 mils Thick, Add</i>	0.26	
32 17 23 33-0040	LF		Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	4.29	
			<i>For 60 mils Thick, Deduct</i>	-0.30	
			<i>For 125 mils Thick, Add</i>	0.39	
32 17 23 33-0041	LF		Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	5.29	
			<i>For 60 mils Thick, Deduct</i>	-0.40	
			<i>For 125 mils Thick, Add</i>	0.52	
32 17 23 33-0042	LF		Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	7.60	
			<i>For 60 mils Thick, Deduct</i>	-0.61	
			<i>For 125 mils Thick, Add</i>	0.78	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0043 LF Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs <i>For 60 mils Thick, Deduct</i> <i>For 125 mils Thick, Add</i>	13.66 -1.21 1.56	
32 17 23 33-0044 Preformed, Patterned Reflective Pavement Marking Tape <small>(32 17 23 33-0001)</small> Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0045 LF Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white. <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	3.19 0.64 -0.48	
32 17 23 33-0046 LF Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white. <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	4.70 0.94 -0.71	
32 17 23 33-0047 LF Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white. <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	6.25 1.25 -0.94	
32 17 23 33-0048 LF Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white. <i>For Up To 5,000 LF, Add</i> <i>For >25,000 LF, Deduct</i>	9.27 1.85 -1.39	
32 17 23 33-0049 SF Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape Note: Includes yellow or white.	26.11	
32 17 23 33-0050 EA 6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape <i>For <10, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	38.73 1.31 -0.65 -0.87 -1.74	
32 17 23 33-0051 EA 12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape <i>For <10, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	68.18 1.66 -0.83 -1.11 -2.21	
32 17 23 33-0052 EA 24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape <i>For <10, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	117.28 3.29 -1.64 -2.19 -4.38	
32 17 23 33-0053 EA 36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape <i>For <10, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	169.87 6.57 -3.28 -4.38 -8.76	
32 17 23 33-0054 EA 48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape <i>For <10, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	199.01 7.37 -3.68 -4.91 -9.82	
32 17 23 33-0055 EA 72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape <i>For <10, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	255.86 13.11 -6.55 -8.74 -17.47	
32 17 23 33-0056 EA 96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape <i>For <10, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	326.51 17.60 -8.80 -11.74 -23.47	
32 17 23 33-0057 EA 120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape <i>For <10, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	409.18 21.81 -10.91 -14.54 -29.08	
32 17 23 33-0058 SF Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	26.96	
32 17 23 33-0059 SF Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	28.55	
32 17 23 33-0060 Preformed, Thermoplastic Reflective Pavement Marking <small>(32 17 23 33-0001)</small> Note: Heat applied. (Flint PreMark or HotTape Series).		
32 17 23 33-0061 EA Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	412.12	
32 17 23 33-0062 EA Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	1,093.06	
32 17 23 33-0063 EA Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	217.90	
32 17 23 33-0064 EA 6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	183.98	
32 17 23 33-0065 EA 9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	357.93	
32 17 23 33-0066 EA 4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	213.33	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0067 EA 8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	398.58	
32 17 23 33-0068 EA Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	681.71	
32 17 23 33-0069 EA Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	1,026.82	
32 17 23 33-0070 EA Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	368.35	
32 17 23 33-0071 EA Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	409.00	
32 17 23 33-0072 EA Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	754.22	
32 17 23 33-0073 EA Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	693.41	
32 17 23 33-0074 EA Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	696.60	
32 17 23 33-0075 EA Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	958.17	
32 17 23 33-0076 Pavement Marking (Monterey County) <small>(32 17 23 33-0001)</small>		
32 17 23 33-0077 SF Thermoplastic Pavement Marking (Monterey County)	10.70	
32 17 23 33-0078 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas <small>(32 17 23 33)</small>		
32 17 23 33-0079 Thermoplastic Pavement Marking Symbols For Parking Areas <small>(32 17 23 33-0078)</small> Note: Heat applied. (Flint PreMark Series).		
32 17 23 33-0080 EA 28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	140.49	
32 17 23 33-0081 EA 39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	527.14	
32 17 23 33-0082 EA 40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	298.68	
32 17 23 33-0083 EA 45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	358.75	
32 17 23 33-0084 EA 48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	375.99	

END OF SECTION 32



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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50 Custom Standards And Assemblies

50 89 CALTRANS Custom Standards And Assemblies ⁽⁵⁰⁾

Note: Use as directed by owner only.

50 89 80 CALTRANS Construction Performance Requirements ^(50 89)

Note: Refer to www.dot.ca.gov for CALTRANS Standard Plans and Specifications

50 89 82 CALTRANS DIVISION II - GENERAL CONSTRUCTION ^(50 89 80)

50 89 82 12 TEMPORARY TRAFFIC CONTROL ^(50 89 82)

Note: Includes flagging, apparel, temporary traffic control devices, and equipment for flaggers, must comply with the latest California MUTCD per CALTRANS Standard.

50 89 82 12-0001	EA	CALTRANS 120110 FLASHING ARROW SIGN	1,494.85
50 89 82 12-0002	EA	CALTRANS 120116 TYPE II BARRICADE	44.69
50 89 82 12-0003	EA	CALTRANS 120119 TRAFFIC CONE	12.61
50 89 82 12-0004	EA	CALTRANS 120120 TYPE III BARRICADE	86.69
50 89 82 12-0005	EA	CALTRANS 120140 BARRICADE (LEFT IN PLACE)	78.22
50 89 82 12-0006	SF	CALTRANS 120149 TEMPORARY PAVEMENT MARKING (PAINT)	3.47
50 89 82 12-0007	LF	CALTRANS 120151 TEMPORARY TRAFFIC STRIPE (TAPE)	5.31
50 89 82 12-0008	SF	CALTRANS 120152 TEMPORARY PAVEMENT MARKING (TAPE)	13.18
50 89 82 12-0009	LF	CALTRANS 120159 TEMPORARY TRAFFIC STRIPE (PAINT)	0.76
50 89 82 12-0010	EA	CALTRANS 120165 CHANNELIZER (SURFACE MOUNTED)	31.46
50 89 82 12-0011	EA	CALTRANS 120166 CHANNELIZER (SURFACE MOUNTED) (LEFT IN PLACE)	69.80
50 89 82 12-0012	EA	CALTRANS 120182 PORTABLE DELINEATOR	24.78
50 89 82 12-0013	EA	CALTRANS 120198 PLASTIC TRAFFIC DRUMS	37.68
50 89 82 12-0014	EA	CALTRANS 120200 FLASHING BEACON (PORTABLE)	45.89
50 89 82 12-0015	EA	CALTRANS 120300 TEMPORARY PAVEMENT MARKER	3.46
50 89 82 12-0016	MO	CALTRANS 128651 PORTABLE CHANGEABLE MESSAGE SIGN (EA)	2,903.71
50 89 82 12-0017	MO	CALTRANS 129100 TEMPORARY CRASH CUSHION MODULE	695.60

50 89 89 CALTRANS DIVISION IX - TRAFFIC CONTROL DEVICES ^(50 89 80)

50 89 89 81 MISCELLANEOUS TRAFFIC CONTROL DEVICES ^(50 89 89)

50 89 89 81-0001	EA	CALTRANS 810120 REMOVE PAVEMENT MARKER	2.74
		<i>For >100, Deduct</i>	-0.27
50 89 89 81-0002	EA	CALTRANS 810220 PAVEMENT MARKER (NON-REFLECTIVE)	7.31
		<i>For >100, Deduct</i>	-0.73
		<i>For >100, Deduct</i>	-0.73
50 89 89 81-0003	EA	CALTRANS 810230 PAVEMENT MARKER (RETROREFLECTIVE)	8.45
		<i>For >100, Deduct</i>	-0.85
		<i>For >100, Deduct</i>	-0.85
50 89 89 81-0004	EA	CALTRANS 810250 PAVEMENT MARKER (RETROREFLECTIVE-RECESSED)	78.89

50 89 89 82 SIGNS AND MARKERS ^(50 89 89)

50 89 89 82-0001	EA	CALTRANS 820110 MILEPOST MARKER	201.65
50 89 89 82-0002	SF	CALTRANS 820750 FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	20.10
50 89 89 82-0003	SF	CALTRANS 820760 FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	20.81

50 89 89 84 MARKINGS ^(50 89 89)

50 89 89 84-0001	LF	CALTRANS 840505 6" THERMOPLASTIC TRAFFIC STRIPE	2.13
		<i>For Up To 5,000 LF, Add</i>	0.43
		<i>For >25,000 LF, Deduct</i>	-0.32
50 89 89 84-0002	LF	CALTRANS 840506 8" THERMOPLASTIC TRAFFIC STRIPE	2.83
		<i>For Up To 5,000 LF, Add</i>	0.57
		<i>For >25,000 LF, Deduct</i>	-0.42
50 89 89 84-0003	LF	CALTRANS 840507 6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 8-4)	1.27
		<i>For Up To 5,000 LF, Add</i>	0.25
		<i>For >25,000 LF, Deduct</i>	-0.19
50 89 89 84-0004	LF	CALTRANS 840508 8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	1.10
		<i>For Up To 5,000 LF, Add</i>	0.22
		<i>For >25,000 LF, Deduct</i>	-0.17
50 89 89 84-0005	SF	CALTRANS 840515 THERMOPLASTIC PAVEMENT MARKING	9.83
50 89 89 84-0006	SF	CALTRANS 840519 THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	9.83
50 89 89 84-0007	LF	CALTRANS 840522 6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)	0.72
		<i>For Up To 5,000 LF, Add</i>	0.14
		<i>For >25,000 LF, Deduct</i>	-0.11
50 89 89 84-0008	LF	CALTRANS 840528 6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	0.83
		<i>For Up To 5,000 LF, Add</i>	0.17
		<i>For >25,000 LF, Deduct</i>	-0.12
50 89 89 84-0009	LF	CALTRANS 840529 6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	0.98
		<i>For Up To 5,000 LF, Add</i>	0.20
		<i>For >25,000 LF, Deduct</i>	-0.15
50 89 89 84-0010	LF	CALTRANS 840530 6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	1.12
		<i>For Up To 5,000 LF, Add</i>	0.22
		<i>For >25,000 LF, Deduct</i>	-0.17

50 Custom Standards And Assemblies

50 89 CALTRANS Custom Standards And Assemblies

50 89 80 CALTRANS Construction Performance Requirements



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
50 89 89 84-0011 LF CALTRANS 840531 6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 18-12).....	1.56	
For Up To 5,000 LF, Add	0.31	
For >25,000 LF, Deduct	-0.23	
50 89 89 84-0012 LF CALTRANS 840550 8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12).....	1.29	
For Up To 5,000 LF, Add	0.26	
For >25,000 LF, Deduct	-0.19	
50 89 89 84-0013 LF CALTRANS 840583 6" TWO-COMPONENT PAINT TRAFFIC STRIPE	1.17	
For Up To 5,000 LF, Add	0.23	
For >25,000 LF, Deduct	-0.18	
50 89 89 84-0014 LF CALTRANS 840584 8" TWO-COMPONENT PAINT TRAFFIC STRIPE	1.43	
For Up To 5,000 LF, Add	0.29	
For >25,000 LF, Deduct	-0.21	
50 89 89 84-0015 LF CALTRANS 840610 8" TWO-COMPONENT PAINT TRAFFIC STRIPE BROKEN 12-3).....	0.67	
For Up To 5,000 LF, Add	0.13	
For >25,000 LF, Deduct	-0.10	
50 89 89 84-0016 LF CALTRANS 840612 6" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 6-1).....	0.58	
For Up To 5,000 LF, Add	0.12	
For >25,000 LF, Deduct	-0.09	
50 89 89 84-0017 LF CALTRANS 840614 6" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 12-3).....	0.73	
For Up To 5,000 LF, Add	0.15	
For >25,000 LF, Deduct	-0.11	
50 89 89 84-0018 LF CALTRANS 840616 6" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 36-12).....	0.51	
For Up To 5,000 LF, Add	0.10	
For >25,000 LF, Deduct	-0.08	
50 89 89 84-0019 LF CALTRANS 840618 6" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 17-7).....	0.73	
For Up To 5,000 LF, Add	0.15	
For >25,000 LF, Deduct	-0.11	
50 89 89 84-0020 LF CALTRANS 840620 6" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 18-12).....	0.87	
For Up To 5,000 LF, Add	0.17	
For >25,000 LF, Deduct	-0.13	
50 89 89 84-0021 LF CALTRANS 840622 6" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 8-4).....	0.73	
For Up To 5,000 LF, Add	0.15	
For >25,000 LF, Deduct	-0.11	
50 89 89 84-0022 LF CALTRANS 840624 8" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 36-12).....	0.90	
For Up To 5,000 LF, Add	0.18	
For >25,000 LF, Deduct	-0.14	
50 89 89 84-0023 SF CALTRANS 840637 TWO-COMPONENT PAINT PAVEMENT MARKING	9.45	
50 89 89 84-0024 SF CALTRANS 840651 PAINTED STALL LINES AND PAVEMENT MARKINGS.....	6.77	
50 89 89 84-0025 LF CALTRANS 840655 PAINT TRAFFIC STRIPE (1-COAT) - 4" Wide	0.34	
For Up To 5,000 LF, Add	0.07	
For >25,000 LF, Deduct	-0.05	
50 89 89 84-0026 LF CALTRANS 840655 PAINT TRAFFIC STRIPE (1-COAT) - 6" Wide	0.43	
For Up To 5,000 LF, Add	0.09	
For >25,000 LF, Deduct	-0.06	
50 89 89 84-0027 LF CALTRANS 840655 PAINT TRAFFIC STRIPE (1-COAT) - 8" Wide	0.55	
For Up To 5,000 LF, Add	0.11	
For >25,000 LF, Deduct	-0.08	
50 89 89 84-0028 LF CALTRANS 840656 PAINT TRAFFIC STRIPE (2-COAT) - 4" Wide	0.66	
For Up To 5,000 LF, Add	0.13	
For >25,000 LF, Deduct	-0.10	
50 89 89 84-0029 LF CALTRANS 840656 PAINT TRAFFIC STRIPE (2-COAT) - 6" Wide	0.84	
For Up To 5,000 LF, Add	0.17	
For >25,000 LF, Deduct	-0.13	
50 89 89 84-0030 LF CALTRANS 840656 PAINT TRAFFIC STRIPE (2-COAT) - 8" Wide	1.09	
For Up To 5,000 LF, Add	0.22	
For >25,000 LF, Deduct	-0.16	
50 89 89 84-0031 SF CALTRANS 840665 PAINT PAVEMENT MARKING (1-COAT)	6.62	
50 89 89 84-0032 SF CALTRANS 840666 PAINT PAVEMENT MARKING (2-COAT)	10.06	
50 89 89 84-0033 LF CALTRANS 846020 REMOVE PAINTED TRAFFIC STRIPE.....	2.24	
For Up To 250, Add	1.12	
For >250 To 1,000, Add	0.56	
For >5,000 To 10,000, Deduct	-0.34	
For >10,000 To 25,000, Deduct	-0.56	
For >25,000 To 50,000, Deduct	-0.78	
For >50,000, Deduct	-0.90	
50 89 89 84-0034 SF CALTRANS 846025 REMOVE PAINTED PAVEMENT MARKING	3.85	
For Up To 250, Add	1.93	
For >250 To 1,000, Add	0.96	
For >5,000 To 10,000, Deduct	-0.58	
For >10,000 To 25,000, Deduct	-0.96	
For >25,000 To 50,000, Deduct	-1.35	
For >50,000, Deduct	-1.54	
50 89 89 84-0035 LF CALTRANS 846030 REMOVE THERMOPLASTIC TRAFFIC STRIPE.....	3.39	
For Up To 250, Add	1.70	
For >250 To 1,000, Add	0.85	
For >5,000 To 10,000, Deduct	-0.51	
For >10,000 To 25,000, Deduct	-0.85	
For >25,000 To 50,000, Deduct	-1.19	
For >50,000, Deduct	-1.36	
50 89 89 84-0036 SF CALTRANS 846035 REMOVE THERMOPLASTIC PAVEMENT MARKING.....	4.91	
For Up To 250, Add	2.46	
For >250 To 1,000, Add	1.23	
For >5,000 To 10,000, Deduct	-0.74	
For >10,000 To 25,000, Deduct	-1.23	
For >25,000 To 50,000, Deduct	-1.72	
For >50,000, Deduct	-1.96	



Custom Standards And Assemblies	50	50
CALTRANS Custom Standards And Assemblies	50 89	
CALTRANS Construction Performance Requirements	50 89 80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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END OF SECTION 50

50 Custom Standards And Assemblies

50 89 CALTRANS Custom Standards And Assemblies

50 89 80 CALTRANS Construction Performance Requirements



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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