



PREAPPROVED MATERIALS LIST

BLUE SHEETS

SUBMITTALS FOR FIELD QUALIFICATION ELECTRICAL EQUIPMENT AND MATERIALS

PROJECT MANAGER: _____

PROJECT: _____

CONTRACT NO.: _____

SUBMITTING
CONTRACTOR: _____

DATE SUBMITTED: _____

CONTRACTOR
REPRESENTATIVE: _____

PHONE: _____

‘BLUE SHEET’ INSTRUCTIONS

These sheets are to be furnished for each project, by the Project Manager. They are also found on the City of Gresham’s Internet site. They will be provided for each project, to insure that they are the most current copy.

These sheets will be accepted as equipment list in accordance with 00960.02 of the Standard Specifications.

INITIAL SUBMITTAL

The Contractor will:

1. Submit appropriate Certificate of Materials Origins (CMO) form 734-2126 as required
2. Fill out the Blue Sheets based on the projects requirements
 - a. In the **CONTENTS** pages check the box for all items that are “**ON PROJECT**”. **This removes the need to submit the materials page(s) for the items not on the project.**
 - b. For materials that are on the project:
 - i. Check the listed brand and circle the model to be used, or
 - ii. Write in a brand and model proposed for installation based on the project plans and specifications. Submit one Catalog cut sheet for initial qualification.
 - iii. Except for conduit and wire, do not mark more than **two** options per item.

The Inspector will:

1. Review initial submittal and fill out the **INITIAL SUBMITTAL** box in the CONTENTS pages and specific materials pages for listed materials.
2. Submit write in products to the Traffic Signal Engineer for approval.
3. Return one copy of the Blue Sheets to the Contractor

CONSTRUCTION

Materials delivered to job site shall be **clearly marked** as to brand and model/part description (verified on materials) or shall be accompanied by supplier’s certification as to brand and model/part description (copy attached).

The Contractor will:

1. Install materials QUALIFIED by the Inspector during the INITIAL SUBMITTAL. Install per plan and specification.
2. The required CMO’s will be submitted prior to the materials being installed.

The Inspector will:

1. Verify materials installed match the Contractors INITIAL SUBMITTAL. Verify the materials are installed per plan and specification.
2. Fill out the INSPECTED & ACCEPTED ON PROJECT box for each specific materials page.
3. Send a final copy to Traffic Engineering Operations Section after construction.

OTHER

The contractor shall continue to submit **6 copies** of the following according to 00960.02: Mast Arm Poles and Arms, Strain Poles, Luminaire Extensions, Luminaires, Railroad Preemption Signs, etc. In addition, use the **Green Sheets** for conditionally qualified control equipment.

CONTENTS (1 OF 3)

PAGE NO.		ON PROJECT
TEMPORARY FEATURES		
6.	TEMPORARY COVERS	<input type="checkbox"/>
POLES AND PEDESTALS		
7.	CHASE NIPPLE	<input type="checkbox"/>
8.	PIPE PLUGS	<input type="checkbox"/>
9.	PEDESTAL (PEDESTRIAN)	<input type="checkbox"/>
10.	PEDESTAL (VEHICLE SIGNAL)	<input type="checkbox"/>
CONDUIT & APPURTENANCES		
11.	CONDUIT (METALLIC)	<input type="checkbox"/>
12.	CONDUIT (NON-METALLIC)	<input type="checkbox"/>
13.	CONDUIT BUSHINGS	<input type="checkbox"/>
14.	CONDUIT PLUG	<input type="checkbox"/>
15.	CONDUIT HUB & CONDULET	<input type="checkbox"/>
16.	EXPANSION FITTING	<input type="checkbox"/>
17.	PULL LINE	<input type="checkbox"/>
18.	UNDERGROUND WARNING TAPE	<input type="checkbox"/>
JUNCTION BOX		
19.	JUNCTION BOXES (CONCRETE, POLYMER CONCRETE, & HYBRID)	<input type="checkbox"/>
20.	HAND HOLES (CONCRETE, POLYMER CONCRETE, & HYBRID)	<input type="checkbox"/>
SPAN WIRE EQUIPMENT		
21.	CABLE TIES	<input type="checkbox"/>
22.	MESSENGER, TETHER, & STABILIZER CABLE	<input type="checkbox"/>
23.	EYEBOLT, TURNBUCKLE, STRANDWISE, & S-HOOK	<input type="checkbox"/>
24.	SPAN WIRE HANGER	<input type="checkbox"/>
25.	TETHER CLAMPS	<input type="checkbox"/>
26.	TRI-STUD ADAPTOR	<input type="checkbox"/>

INITIAL SUBMITTAL

AGREE WITH "ON PROJECT"

RETURNED FOR CORRECTION

Date: _____

Name: _____

CTSI Card# _____

Qualifications or corrections are subject to all requirements of the current issue of the Standard Specifications for Highway Construction as modified by the Project Special Provisions.

CONTENTS (2 OF 3)

PAGE NO.		ON PROJECT
-------------	--	---------------

CABLES, WIRES, GROUNDING/BONDING & APPURTENANCES

- | | | |
|-----|---------------------------|--------------------------|
| 27. | BOND WIRE | <input type="checkbox"/> |
| 28. | GROUND ROD & CLAMP | <input type="checkbox"/> |
| 29. | CONTROL CABLE | <input type="checkbox"/> |
| 30. | INDUSTRIAL ETHERNET CABLE | <input type="checkbox"/> |
| 31. | INTERCONNECT CABLE | <input type="checkbox"/> |
| 32. | XHHW WIRE | <input type="checkbox"/> |
| 33. | STRAIN RELIEF | <input type="checkbox"/> |

PEDESTRIAN EQUIPMENT

- | | | |
|-----|--------------------------------|--------------------------|
| 34. | PEDESTRIAN SIGNAL & MOUNT | <input type="checkbox"/> |
| 35. | LED MODULE (PEDESTRIAN SIGNAL) | <input type="checkbox"/> |
| 36. | PUSHBUTTON & PUSHBUTTON MOUNT | <input type="checkbox"/> |

VEHICLE SIGNAL EQUIPMENT

- | | | |
|-----|---|--------------------------|
| 37. | VEHICLE SIGNAL COMPLETE (HOUSING, BACKBOARD, & VISOR) | <input type="checkbox"/> |
| 38. | LED MODULE (VEHICLE SIGNAL, CIRCULAR BALL) | <input type="checkbox"/> |
| 39. | LED MODULE (VEHICLE SIGNAL, ARROW) | <input type="checkbox"/> |
| 40. | PLUMBIZER | <input type="checkbox"/> |
| 41. | TATTLE TALE LIGHT | <input type="checkbox"/> |

LOOP DETECTION

- | | | |
|-----|-------------------|--------------------------|
| 42. | LOOP FEEDER CABLE | <input type="checkbox"/> |
| 43. | LOOP WIRE | <input type="checkbox"/> |
| 44. | LOOP SPLICE | <input type="checkbox"/> |

ILLUMINATION

- | | | |
|-----|-----------------------------------|--------------------------|
| 45. | IN-LINE FUSE HOLDER | <input type="checkbox"/> |
| 46. | TC CABLE | <input type="checkbox"/> |
| 47. | PHOTOELECTRIC CELL & SHORTING CAP | <input type="checkbox"/> |

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CONTENTS (3 OF 3)

PAGE NO.		ON PROJECT
<i>CABINETS & APPURTENANCES</i>		
48.	RISER FRAME	<input type="checkbox"/>
49.	SERVICE CABINETS	<input type="checkbox"/>
50.	METER BASE	<input type="checkbox"/>
51.	TERMINAL CABINET	<input type="checkbox"/>
52.	TERMINAL BLOCKS	<input type="checkbox"/>

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TEMPORARY COVERS

Approved Products:

Pedestrian Pushbutton Covers

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Traffic Sign & Signal Cover Concepts	PPB-0-2
<input type="checkbox"/> Traffic Safety Supply Company	#6 AWG 7 Strand
<input type="checkbox"/> Freedom Roc Industries	T3600-PBS

Pedestrian Signal Covers

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Freedom Roc (R. Hart Sales)	Signal Shirt
<input type="checkbox"/> Traffic Safety Supply Company	13905450

Vehicle Signal Covers

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Freedom Roc (R. Hart Sales)	Signal Shirt
<input type="checkbox"/> Traffic Safety Supply Company	13905460

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

INITIAL SUBMITTAL

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- QUALIFIED AS NOTED
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INSPECTED & ACCEPTED ON PROJECT

Date: _____

Name: _____

CTSI Card# _____

- Verified Materials By Markings/Packaging

Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)

Quantity accepted _____

Quantity rejected _____

CHASE NIPPLE

Approved Products:

1 Inch (for vehicle signal bracket)

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Thomas & Betts	844
<input type="checkbox"/>	Crouse-Hinds	52
<input type="checkbox"/>	O-Z Gedney	7-100

2.5 Inch (for external terminal cabinet)

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Thomas & Betts	848
<input type="checkbox"/>	Crouse-Hinds	56
<input type="checkbox"/>	O-Z Gedney	7-250

Write-In Items (Attach Cut Sheets)

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)

Quantity accepted _____

Quantity rejected _____

PIPE PLUGS

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Grainger	MNTP Series
<input type="checkbox"/> Merit Brass	52

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)**

Quantity accepted _____

Quantity rejected _____

PEDESTAL (PEDESTRIAN)

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Pelco	Base: PB5336
	Base: PB5334
<input type="checkbox"/> Akron Foundry Co.	Base: TS-1000
<input type="checkbox"/> Component Products	Base: CPI-BAS-1P
<input type="checkbox"/> Tapco (Pelco)	Base: 203-14

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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- Date: _____
- Name: _____
- CTSI Card# _____
- Verified Materials By Markings/Packaging
 - Quantity accepted _____
 - Quantity rejected _____
 - Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)
 - Quantity accepted _____
 - Quantity rejected _____

PEDESTAL (VEHICLE)

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Akron Foundry Co.	TB1-17
<input type="checkbox"/> Akron Foundry Co.	TB1-20
<input type="checkbox"/> Akron Foundry Co.	TB3-17

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)**

Quantity accepted _____

Quantity rejected _____

CONDUIT (METALLIC)

Approved Products:

Rigid

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Republic	All galv. rigid conduit
<input type="checkbox"/> Picoma	All galv. rigid conduit
<input type="checkbox"/> Allied Tube & Conduit	All galv. rigid conduit
<input type="checkbox"/> Conduit Pipe Products	All galv. rigid conduit
<input type="checkbox"/> Western Tube & Conduit	All galv. rigid conduit
<input type="checkbox"/> Wheatland Tube Co.	All galv. rigid conduit
<input type="checkbox"/> Shamrock (T&B)	All galv. rigid conduit
<input type="checkbox"/> Cal Pipe Manufacturing	All galv. rigid conduit

Liquid-Tight Flexible

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Anamet Electrical Inc. (Anaconda Sealtite)	Type UA
<input type="checkbox"/> Southwire	Titan Type UL
<input type="checkbox"/> AFC Cable Systems	LiquidTuff Type LFMC

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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- Verified Materials By Markings/Packaging

Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)

Quantity accepted _____

Quantity rejected _____

CMO REQUIRED (If steel or iron, see specifications)

Received Date: _____

CONDUIT (NON-METALLIC)

Approved Products:

PVC

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> PW Pipe	Sch. 40 & 80
<input type="checkbox"/> Carlon/Prime Conduit	Sch. 40 & 80
<input type="checkbox"/> Cantex	Sch. 40
<input type="checkbox"/> J-M Manufacturing	Sch. 40 & 80
<input type="checkbox"/> Kraloy	Sch. 40
<input type="checkbox"/> Ipex/Scepter	Sch. 40
<input type="checkbox"/> Cresline Northwest	Sch. 40
<input type="checkbox"/> Ridgeline	Sch. 40
<input type="checkbox"/> Heritage Plastics Central	Sch. 40
<input type="checkbox"/> Rocky Mountain Colby Pipe	Sch. 40 & 80
<input type="checkbox"/> Allied-Heritage	Sch. 40 & 80
<input type="checkbox"/> Raceways Technology & Manufacturing	Sch. 40 & 80

HDPE

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Carlon	Sch. 40 & 80
<input type="checkbox"/> Arnco/Dura-Line	Sch. 40 & 80
<input type="checkbox"/> PERMA-GUARD	Sch. 40 & 80

Fiberglass

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Champion Fiberglass	Sch. 40 & 80
<input type="checkbox"/> FRE Composites	Sch. 40 & 80
<input type="checkbox"/> United Fiberglass of America	Sch. 40 & 80
<input type="checkbox"/> Raceways Technology & Manufacturing	Sch. 40 & 80

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Date: _____

Name: _____

CTSI Card# _____

- Verified Materials By Markings/Packaging

Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)

Quantity accepted _____

Quantity rejected _____

CONDUIT BUSHINGS

Approved Products:

Metallic

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Bridgeport	#363 thru #370
<input type="checkbox"/> T & B	#1224, 1226 thru 1229
<input type="checkbox"/> RACO	#1127 thru 1134
<input type="checkbox"/> Crouse-Hinds	#1033 thru 1038

Non-Metallic

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Cantex	#5144005 thru 5144010
<input type="checkbox"/> PW Pipe	#6150-0200 #6150-300
<input type="checkbox"/> Kraloy	#MEB05-MEB40

Metallic (Bonded)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Blackjack (Thomas & Betts)	'BG' series
<input type="checkbox"/> Appleton	'GIB' series
<input type="checkbox"/> Crouse-Hinds (Lazy Lug)	GLL-1 thru GLL-12 (All)
<input type="checkbox"/> Arlington Industries	452 thru 457
<input type="checkbox"/> Bridgeport	#383 thru 390
<input type="checkbox"/> RACO	1214, 1216, 1218, 1290 & 1292
<input type="checkbox"/> O-Z/Gedney	BLG, HBLG

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

INITIAL SUBMITTAL

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Date: _____

Name: _____

CTSI Card# _____

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INSPECTED & ACCEPTED ON PROJECT

Date: _____

Name: _____

CTSI Card# _____

- Verified Materials By Markings/Packaging

Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)

Quantity accepted _____

Quantity rejected _____

CMO REQUIRED (If steel or iron, see specifications)

- Received Date: _____

CONDUIT PLUG

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Lantz Electric	"Foam Factory"

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Name: _____

CTSI Card# _____

- Verified Materials By Markings/Packaging**

Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)**

Quantity accepted _____

Quantity rejected _____

CONDUIT HUB & CONDULET

Approved Products:

Conduit Hub

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> O-Z Gedney	CHM-T
<input type="checkbox"/> Thomas & Betts	No. 370 thru 379

Condulet

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Cooper/Crouse-Hinds	FORM 5
<input type="checkbox"/> O-Z Gedney	SPEC 5
<input type="checkbox"/> Topaz	FORM 5
<input type="checkbox"/> Steel Electric Products	Type LB

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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INSPECTED & ACCEPTED ON PROJECT

Date: _____

Name: _____

CTSI Card# _____

- Verified Materials By Markings/Packaging
 - Quantity accepted _____
 - Quantity rejected _____
- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)
 - Quantity accepted _____
 - Quantity rejected _____

CMO REQUIRED (If steel or iron, see specifications)

Received Date: _____

EXPANSION FITTING

Approved Products:

Fiberglass

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Champion Fiberglass	Expansion joint/no O-ring
<input type="checkbox"/>	FRE Composites	Expansion joint/no O-ring
<input type="checkbox"/>	United Fiberglass of America	Expansion joint/no O-ring

Write-In Items (Attach Cut Sheets)

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

INITIAL SUBMITTAL

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Date: _____

Name: _____

CTSI Card# _____

- Verified Materials By Markings/Packaging**

Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)**

Quantity accepted _____

Quantity rejected _____

PULL LINE

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Greenlee	polypro 3/8"
<input type="checkbox"/> Garvin Industries	PT-1250
<input type="checkbox"/> Dottie	3800 Series
<input type="checkbox"/> Ideal Industries	31-844 thru 31-846

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Date: _____

Name: _____

CTSI Card# _____

- Verified Materials By Markings/Packaging

Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)

Quantity accepted _____

Quantity rejected _____

UNDERGROUND WARNING TAPE

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Dottie	UT-29D
<input type="checkbox"/> Ideal	#42-151
<input type="checkbox"/> Reef Industries	Standard 250
<input type="checkbox"/> Cully	UG Burial Tape
<input type="checkbox"/> Harris	UT-29

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

INITIAL SUBMITTAL

- QUALIFIED
- QUALIFIED AS NOTED
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Date: _____

Name: _____

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Date: _____

Name: _____

CTSI Card# _____

- Verified Materials By Markings/Packaging
- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)

Quantity accepted _____

Quantity rejected _____

Quantity accepted _____

Quantity rejected _____

JUNCTION BOX (CONCRETE, POLYMER CONCRETE, & HYBRID)

Approved Products:

JB-1

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> ARMORCAST	A6001425TA
<input type="checkbox"/> ARMORCAST	A6000485TAX12
<input type="checkbox"/> CDR	SA20101512
<input type="checkbox"/> Quazite	PG1118BA12 w/PG1118HA lid
<input type="checkbox"/> Oldcastle	H1118-12 w/ Poly Tier 15 Lid
<input type="checkbox"/> Newbasis	PCA111812-90011/90012
<input type="checkbox"/> Martin Enterprises	111812PC Tier 22
<input type="checkbox"/> Oldcastle	S1118B12AA w/S1118HBBOA Lid
<input type="checkbox"/> Oldcastle (Duralite Max)	11182575
<input type="checkbox"/> Channell	BULKU111812
<input type="checkbox"/> Brooks Products	36PB w/Poly Tier 15 Lid
<input type="checkbox"/> Oldcastle	N9 w/ Poly Tier 15 Lid

JB-2

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> ARMORCAST	A6001946TAPCX12
<input type="checkbox"/> CDR	SA20132412
<input type="checkbox"/> Quazite	PG1324BA12 w/PG1324HA lid
<input type="checkbox"/> Oldcastle	H1324-12 w/ Poly Tier 15 Lid
<input type="checkbox"/> Newbasis	PCA132412-90030/90031
<input type="checkbox"/> Martin Enterprises	122012PC Tier 22
<input type="checkbox"/> Brooks Products	40PB w/Poly Tier 15 Lid
<input type="checkbox"/> Oldcastle	N30 w/ Poly Tier 15 Lid
<input type="checkbox"/> Oldcastle	S1324B12AA w/S1324HBBOA Lid
<input type="checkbox"/> Newbasis	FCA132412T-90013
<input type="checkbox"/> Newbasis	FCA132412T-00150
<input type="checkbox"/> Oldcastle (Duralite)	132412DL
<input type="checkbox"/> Channell	BULKU132412

JB-3

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> ARMORCAST	A6001640TAPCX12
<input type="checkbox"/> CDR	SA20173012
<input type="checkbox"/> Quazite	PG1730BA12 w/ PG1730HA lid
<input type="checkbox"/> Oldcastle	H1730-12 w/ Poly Tier 15 Lid
<input type="checkbox"/> Newbasis	PCA173012-90015/90016
<input type="checkbox"/> Martin Enterprises	173012PC Tier 22
<input type="checkbox"/> Brooks Products	66PB w/Poly Tier 15 Lid
<input type="checkbox"/> Oldcastle	N36 w/ Poly Tier 15 Lid
<input type="checkbox"/> Oldcastle	S1730B12AA w/S1730HBBOA Lid
<input type="checkbox"/> Newbasis	FCA173012T-90007
<input type="checkbox"/> Newbasis	FCA173012T-00294
<input type="checkbox"/> Oldcastle (Duralite)	173012DL
<input type="checkbox"/> Channell	BULKU173012

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

HAND HOLES (CONCRETE, POLYMER CONCRETE & HYBRID)

Approved Products:

HH-1

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> ARMORCAST	A6001974TAPCX24
<input type="checkbox"/> Newbasis	PCA243624
<input type="checkbox"/> Newbasis	FCA243624T
<input type="checkbox"/> Oldcastle	SYN2436TBOX24
<input type="checkbox"/> Oldcastle (Duralite Max)	24362070
<input type="checkbox"/> Channell	BULKU243624

HH-2

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> ARMORCAST	A6001430TAPCX24
<input type="checkbox"/> Newbasis	PCA304824
<input type="checkbox"/> Newbasis	PCA304824T
<input type="checkbox"/> Oldcastle	SYN3048TBOX24
<input type="checkbox"/> Channell	BULKU304824

HH-3

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> ARMORCAST	A6001430TAPCX36
<input type="checkbox"/> Newbasis	PCA304836
<input type="checkbox"/> Newbasis	FCA304836T
<input type="checkbox"/> Oldcastle	SYN3048TBOX36
<input type="checkbox"/> Channell	BULKU304836

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

CABLE TIES

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> 3-M	#06277
<input type="checkbox"/> T & B (TY-RAP)	#TY272MX
<input type="checkbox"/> Tyton	T120S0H4
<input type="checkbox"/> Advanced Cable Ties	AL-08-120-0-C
<input type="checkbox"/> Panduit (Anixter)	PLT5H
<input type="checkbox"/> Panduit (Anixter)	PLT3H
<input type="checkbox"/> Panduit (Anixter)	SST4H

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

MESSENGER, TETHER, & STABILIZER CABLE

Messenger Cable

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Cal-Wire	3/8 inch Utility Grade, Class A
<input type="checkbox"/>	National Strand	3/8 inch Utility Grade, Class A
<input type="checkbox"/>	Bekaert	3/8 inch Utility Grade, Class A

Tether/Stabilizer Cable

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	National Strand	1/4 inch, 7 strand Class A

Write-In Items (Attach Cut Sheets)

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity accepted _____

Quantity rejected _____

EYEBOLT, TURNBUCKLE, STRANDVISE, & S-HOOK

Eyebolt

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Joslyn	J9512(E)
<input type="checkbox"/> Joslyn	J9514(E)
<input type="checkbox"/> MacLean	J9512

Turnbuckle (w/Jam nuts)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Crosby	HG-226(1031314)

Strandvise (1/4 inch)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Maclean Power Systems	5100
<input type="checkbox"/> Maclean Power Systems	5200

Strandvise (3/8 inch)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Maclean Power Systems	5102

S-Hook is NOT City-supplied. Contractor to submit proposed S-Hook as a Write-In Item.

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

SPAN WIRE HANGER

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	McCain	M66298
<input type="checkbox"/>	Traffic Signal Hardware	Drawing No. 1003 Inc. (GDM)

Write-In Items (Attach Cut Sheets)

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)**

Quantity accepted _____

Quantity rejected _____

TETHER CLAMPS

Approved Items:

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	McCain	M40699
<input type="checkbox"/>	GDM	Drawing No. 1003

Write-In Items (Attach Cut Sheets):

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity rejected _____

TRI-STUD ADAPTOR

Approved Items:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Cost Cast Inc	Drwg. No. A-164
<input type="checkbox"/> Taylor Machine Company	Drwg. No. 10702

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)**

Quantity accepted _____

Quantity rejected _____

BOND WIRE

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Republic Wire (Anixter)	#6 AWG 7 Strand
<input type="checkbox"/> General Cable (Anixter)	#6 AWG 7 Strand
<input type="checkbox"/> Rome (Anixter)	#6 AWG 7 Strand
<input type="checkbox"/> Superior Essex	#6 AWG 7 Strand
<input type="checkbox"/> Southwire	#6 AWG 7 Strand
<input type="checkbox"/> Encore	#6 AWG 7 Strand
<input type="checkbox"/> Nehring	#6 AWG 7 Strand
<input type="checkbox"/> Service Wire Co	#6 AWG 7 Strand

Write-In Items (Attach Cut Sheets)

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

GROUND ROD & CLAMP

Ground Rod

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Thomas & Betts (Blackburn)	6258
<input type="checkbox"/> Eritech	615880
<input type="checkbox"/> PP Porcelain Products	8438
<input type="checkbox"/> Petron Pacific	5/8"
<input type="checkbox"/> Hubbell/Chance	C615855

Clamp

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Thomas & Betts (Blackburn)	JAB58H
<input type="checkbox"/> Burndy	GRC58
<input type="checkbox"/> PENN-UNION	CAB or CEB
<input type="checkbox"/> PP Porcelain Products	8058
<input type="checkbox"/> Eritech	HDC58
<input type="checkbox"/> ILSCO	C6RC58

Chemical Ground System

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Tessco	n/a
<input type="checkbox"/> Superior Grounding Systems	n/a
<input type="checkbox"/> Erico	n/a

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity accepted _____

Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

CONTROL CABLE

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Rome (Anixter)	IMSA 19-1
<input type="checkbox"/> Belden (Anixter)	IMSA 20-1
<input type="checkbox"/> American (Anixter)	IMSA 19-1
<input type="checkbox"/> Advanced Digital Cable	IMSA 20-1
<input type="checkbox"/> Lake Cable (Anixter)	IMSA 19-1
<input type="checkbox"/> Falcon Fine Wire	IMSA 20-1
<input type="checkbox"/> General Cable	IMSA 19-1
	IMSA 20-1

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)

Quantity accepted _____

Quantity rejected _____

INDUSTRIAL ETHERNET CABLE

Approved Products:

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Belden	7953A

Write-In Items (Attach Cut Sheets):

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity accepted _____

Quantity rejected _____

- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)**

Quantity accepted _____

Quantity rejected _____

INTERCONNECT CABLE

PE-22 Cable

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Superior Essex	Sealpic
<input type="checkbox"/> General Cable (Anixter)	7527757
<input type="checkbox"/> Houston Wire HW350	

PE-39 Cable

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Superior Essex	Sealpic-F
<input type="checkbox"/> Clifford	6P19-B1-BJFA
<input type="checkbox"/> General Cable (Anixter)	7524507
<input type="checkbox"/> Houston Wire	HW352

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity accepted _____

Quantity rejected _____

XHHW WIRE

ONLY XHHW WIRE IS PERMITTED ON GRESHAM JOBS. NO TFFN OR THWN WIRE WILL BE ACCEPTED.

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Rome Cable (Anixter)	WIRE
<input type="checkbox"/> General Cable (Anixter)	MUST
<input type="checkbox"/> Southwire	BE
<input type="checkbox"/> Encore Wire	MARKED
<input type="checkbox"/> Service Wire Co	ADDITIONAL
<input type="checkbox"/> Kris Tech (KT) Wire	MARKINGS
<input type="checkbox"/> Advanced Digital Cable	ALLOWED
<input type="checkbox"/> Cerrowire	
<input type="checkbox"/> CME Wire	

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

STRAIN RELIEF

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Grainger	6D229 thru 6D237
<input type="checkbox"/> Hubbell	02206010 thru 02206013

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

PEDESTRIAN SIGNAL & MOUNT

Pedestrian Signal: Aluminum

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> McCain	M31826
<input type="checkbox"/> McCain	M32236
<input type="checkbox"/> Econolite	PED16SFSNNN
<input type="checkbox"/> MoboTrex	SG7SZ20C1BBB
<input type="checkbox"/> Peek	4302 - Alum

Pedestrian Signal Mount

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> McCain	M27164
<input type="checkbox"/> Siemens	Clam Shell
<input type="checkbox"/> Peek	4805
<input type="checkbox"/> Econolite	105-1004-014 with 150-1005-014

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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 - Quantity rejected _____
- Verified Materials By Manufacturer's or Supplier's Certification (Copy Attached)
 - Quantity accepted _____
 - Quantity rejected _____

LED MODULE (PEDESTRIAN SIGNAL)

Countdown Combo

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Dialight	430-6479-001X
<input type="checkbox"/> Excellence Opto Inc	TRP-C45D3154C10
<input type="checkbox"/> Leotek	TSL-PED-16-CIL-9
<input type="checkbox"/> Leotek	TSL-PED-16-CIL-P1
<input type="checkbox"/> TraStar	JXM-400VIEIL

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity accepted _____

Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

PUSHBUTTON & PUSHBUTTON MOUNT

ONLY AUDIBLE PEDESTRIAN PUSHBUTTONS WILL BE INSTALLED ON GRESHAM NEW CONSTRUCTION.

Pushbutton (Audible)

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Polara	iNS2-9-V-N-0-B

Pushbutton Control Unit

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Polara	iPHCU3S

Write-In Items (Attach Cut Sheets):

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

**VEHICLE SIGNAL COMPLETE
(HOUSING, BACKBOARD, & VISOR)**

NO POLYCARBONATE VEHICLE SIGNAL HOUSINGS, BACKBOARDS, OR VISORS WILL BE ACCEPTED FOR GRESHAM JOBS.

Vehicle Signal: Aluminum

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> McCain	Standard: 12 inch
<input type="checkbox"/> Peek	Standard: 12 inch
<input type="checkbox"/> Econolite	Standard: 12 inch
<input type="checkbox"/> MoboTrex	Standard: 12 inch

Backboard: Aluminum w/reflective sheeting

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> McCain	M66533
<input type="checkbox"/> Econolite	106-1037-5XX

Visor: Aluminum

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> McCain	M19263
<input type="checkbox"/> Peek	0700027E
<input type="checkbox"/> Econolite	E8260P1-14
<input type="checkbox"/> Econolite	E8265P1-14
<input type="checkbox"/> MoboTrex	TV12

Visor: Cut-off

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> McCain	45 deg. angle

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

LED MODULE (VEHICLE SIGNAL, CIRCULAR BALL)

12" Red Circular Ball

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Excellence Opto Inc	TRV-R12SG-D2T-C
<input type="checkbox"/> Leotek	TSL-12R-LX-IL6-A1-P3-CLR
<input type="checkbox"/> Leotek	TSL-12R-LX-IL6-A1-P2-CLR
<input type="checkbox"/> TraStar	JXC-300-HFR-C
<input type="checkbox"/> Dialight	433-1270-003XL15

12" Yellow Circular Ball

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Excellence Opto Inc	TRV-Y12SG-D1T-C
<input type="checkbox"/> Leotek	TSL-12Y-LX-IL6-A1-P3-CLR
<input type="checkbox"/> Leotek	TSL-12Y-LX-IL6-A1-P2-CLR
<input type="checkbox"/> TraStar	JXC-300-HFY-C
<input type="checkbox"/> Dialight	433-3270-901XL15

12" Green Circular Ball

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Excellence Opto Inc	TRV-G12SG-D2T-C
<input type="checkbox"/> Leotek	TSL-12G-LX-IL6-A1-P3-CLR
<input type="checkbox"/> Leotek	TSL-12G-LX-IL6-A1-P2-CLR
<input type="checkbox"/> TraStar	JXC-300-HFG-C
<input type="checkbox"/> Dialight	433-2270-001XL15

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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LED MODULE (VEHICLE SIGNAL, ARROW)

12" Red Arrow

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Dialight	432-1374-001XOD
<input type="checkbox"/> Excellence Opto Inc	TRA-R12DG-IN-C
<input type="checkbox"/> Leotek	TSL-12RA-IL6-A1-P3-CLR
<input type="checkbox"/> Leotek	TSL-12RA-IL6-A1-CLR
<input type="checkbox"/> TraStar	JXJ-300-07R03

12" Yellow Arrow

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Dialight	431-3374-001XOD
<input type="checkbox"/> Dialight	431-3374-901XOD
<input type="checkbox"/> Excellence Opto Inc	TRA-Y12DG-IN2-C
<input type="checkbox"/> Leotek	TSL-12YA-IL6-A1-P3-CLR
<input type="checkbox"/> Leotek	TSL-12YA -IL6-A1-CLR
<input type="checkbox"/> TraStar	JXJ-300-07Y03

12" Green Arrow

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Dialight	432-2374-001XOD
<input type="checkbox"/> Excellence Opto Inc	TRA-G12DG-IN-C
<input type="checkbox"/> Leotek	TSL-12GA-IL6-A1-P3-CLR
<input type="checkbox"/> Leotek	TSL-12GA-IL6-A1-CLR
<input type="checkbox"/> TraStar	JXJ-300-07G03

12" Bi-Modal Yellow/Green Arrow

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> TraStar	JXJ-300-VIYGA
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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PLUMBIZER

Approved Products:

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	McCain	6-screw elevator plumbizer

Write-In Items (Attach Cut Sheets):

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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TATTLE TALE LIGHT

Approved Products:

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	ElectroTech	Tattle tale, Opt. 2, white

Write-In Items (Attach Cut Sheets):

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

LOOP FEEDER CABLE

ONLY NO. 14 AWG LOOP FEEDER CABLE WILL BE ACCEPTED ON GRESHAM JOBS.

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Belden (Anixter)	IMSA 50-2 14 AWG
<input type="checkbox"/> General Cable (Anixter)	IMSA 50-2 14 AWG
<input type="checkbox"/> Rome (Anixter)	IMSA 50-2 14 AWG
<input type="checkbox"/> CSC (Southwest Wire)	IMSA 50-2 14 AWG
<input type="checkbox"/> Advanced Digital Cable	IMSA 50-2 14 AWG
<input type="checkbox"/> Lake Cable (Anixter)	IMSA 50-2 14 AWG
<input type="checkbox"/> Falcon Fine Wire	IMSA 50-2 14 AWG

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

LOOP WIRE

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Kris Tech (KT) Wire	IMSA 51-7 w/PE tube
<input type="checkbox"/> Coleman/CCI Cable & Wire	IMSA 51-7 w/PE tube
<input type="checkbox"/> Advance Digital Cable (ADC)	IMSA 51-7 w/PE tube
<input type="checkbox"/> R.J. Wire & Cable	IMSA 51-7 w/PE tube
<input type="checkbox"/> Clifford	IMSA 51-7 w/PE tube
<input type="checkbox"/> Rome (Anixter)	IMSA 51-7 w/PE tube
<input type="checkbox"/> Belden	IMSA 51-7 w/PE tube
<input type="checkbox"/> Lake Cable (Anixter)	IMSA 51-7 w/PE tube
<input type="checkbox"/> Falcon Fine Wire	IMSA 51-7 w/PE tube

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

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Quantity accepted _____

Quantity rejected _____

LOOP SPLICE

Silicone Wire Connectors

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Ideal	60

Write-In Items (Attach Cut Sheets):

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity rejected _____

IN-LINE FUSE HOLDER

120/240V System

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Little Fuse	WPB1
<input type="checkbox"/> Cooper Bussmann	2A0660

120V only System

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Cooper Bussmann	HEB-JJ
<input type="checkbox"/> Little Fuse	LEB-JJ

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

TC CABLE

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Encore Wire	Type TC
<input type="checkbox"/> Nexans	Ultrex XL TC
<input type="checkbox"/> Lake Cable	VIGX102

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

PHOTOELECTRIC CELL & SHORTING CAP

Photocell

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Dark to Light (DTL)	D or DP Series
<input type="checkbox"/> Fisher Pierce	Series 7570
<input type="checkbox"/> Sun-Tech	S124-1.5-ETM
<input type="checkbox"/> Area Lighting Research	2090-NPS
<input type="checkbox"/> SELC	8483
<input type="checkbox"/> Intermatic	ELC4536
<input type="checkbox"/> Ripley	6390LL-BK
<input type="checkbox"/> Ripley	RD8645

Twist-Lock Receptacle

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Intermatic	K122

Shorting Cap

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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RISER FRAME

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Signal Control Co. (Peek)	1/4 inch Aluminum
<input type="checkbox"/> McCain	M61036
<input type="checkbox"/> Capital Enterprise	1/8 inch sheet stock
<input type="checkbox"/> Siemens	AQC14844P001

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity rejected _____

SERVICE CABINETS

Base Mounted 120/240V Service

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Fouch	BMC
<input type="checkbox"/> Brownfield/Rhino Mfg	BMC

Base Mounted 120/240V Service with Illumination

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Fouch	BMCL
<input type="checkbox"/> Brownfield/Rhino Mfg	BMCL

Pole Mounted 120/240V Service

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Fouch	SC/2
<input type="checkbox"/> Brownfield Manufacturing	SC/2

Pole Mounted 120/240V Service with Illumination

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Fouch	SCL/2
<input type="checkbox"/> Fouch	SCL/S (Gresham/Multnomah Co.)
<input type="checkbox"/> Brownfield Manufacturing	SCL/2

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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CMO REQUIRED (If steel or iron, see specifications)

Received Date: _____

METER BASE

Approved Products:

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Millbank (Galv./Powder coat)	U3504-XL, U3514-XL, 124TB
<input type="checkbox"/> Circle AW (Electrocoated)	Model 011, 204, U264

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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Quantity accepted _____

Quantity rejected _____

CMO REQUIRED (If steel or iron, see specifications)

Received Date: _____

TERMINAL CABINET

Approved Products:

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	Fouch	18 inch x 8 inch x 6 inch
<input type="checkbox"/>	Brownfield/Rhino Manufacturing	8000

Write-In Items (Attach Cut Sheets):

	<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

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Quantity accepted _____

Quantity rejected _____

CMO REQUIRED (If steel or iron, see specifications)

Received Date: _____

TERMINAL BLOCKS

External Terminal Cabinet

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> Buchanan	200 Series (600V)
<input type="checkbox"/> Buchanan	900 Series (600V)
<input type="checkbox"/> SQUARE 'D'	Type 'K'
<input type="checkbox"/> Allen-Bradley	1492-CA1
<input type="checkbox"/> Marathon	6G38
<input type="checkbox"/> Marathon	6H38
<input type="checkbox"/> Marathon	6H12
<input type="checkbox"/> Phoenix Contact	UT4
<input type="checkbox"/> Phoenix Contact	UT6
<input type="checkbox"/> Entrlec	'M' Series

Recessed Terminal Cabinet TYPE A

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> IlSCO	PDA-14-2/0-1
<input type="checkbox"/> IlSCO	PDC-14-2/0-1

Recessed Terminal Cabinet TYPE B

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> SQUARE 'D'	9080GR6T Series
<input type="checkbox"/> ABB (Entrlec)	M6/8 Series

Write-In Items (Attach Cut Sheets):

<u>Brand/Manufacturer</u>	<u>Catalog/Part No.</u>
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	_____

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