



**BUSINESS EXAMPLES**  
**856 ADVANCE SHIP NOTICE**

**FOR USA & CANADA:**

**LOWE'S SENDER ID: 006097142 QUALIFIER: 01**

**FOR MEXICO:**

**LOWE'S SENDER ID : 6135830008 QUALIFIER: 08**

**An Explanation of the HL Segment for a Detail ASN**

**Layout**

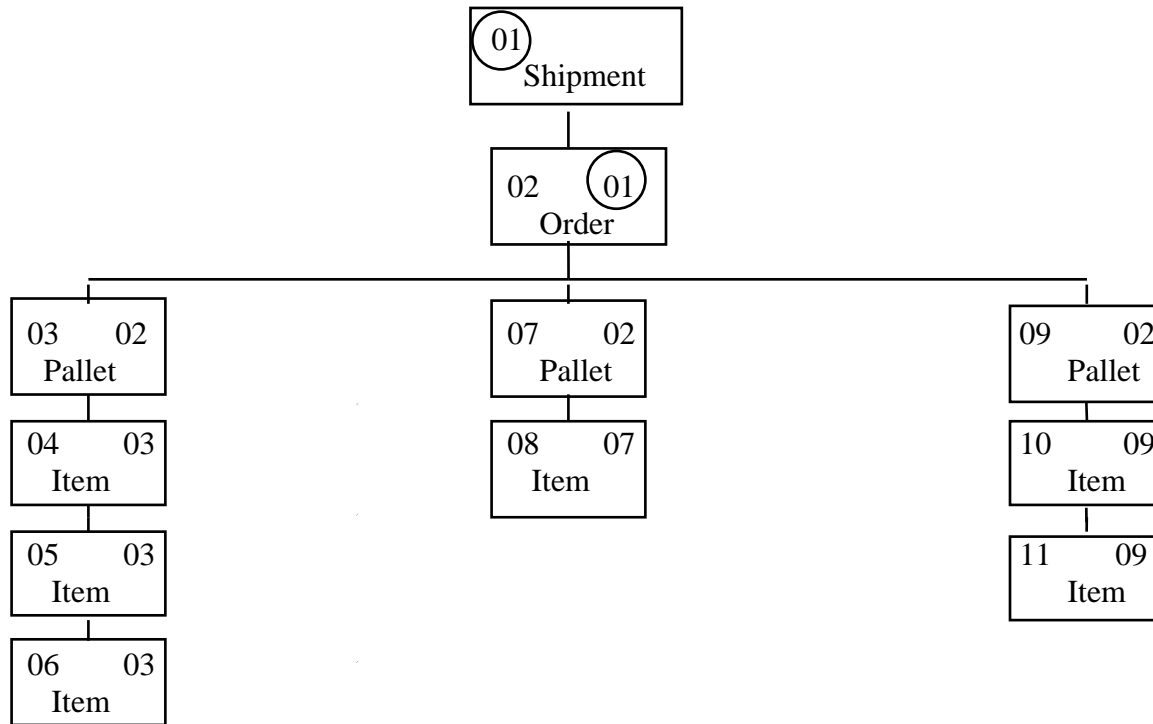
HL	Hierarchical ID Number	Hierarchical Parent ID Number	Hierarchical Level Code\
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**Example**

HL*1**S\			identifies the shipment level
HL*2*1*O\			identifies an order on the shipment
HL*3*2*T\			identifies a tare (pallet) on the order
HL*4*3*I\			identifies an item on the pallet

**Pick & Pack Data Structure** – (See Lowe’s 856 ASN Implementation Guide for information on the formats and types of ASNs that are acceptable.)

Defines a top-down / left-right ordered structure. The number in the upper left-hand corner of the box represents the HL01 value. The number in the upper right-hand corner represents the HL02 value. The description in the box represents the detail loop.



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The following is a detailed explanation of the HL segments using on the above chart for a Detail ASN.

HL*1**S\ ↕	<i>identifies the shipment level (only one shipment level allowed per 856)</i> HL-01 = 1, first hierarchical structure in the ASN, HL-02 = blank, there is not a parent ID at the shipment level, and HL-03 = S, code for shipment level.
HL*2*1*O\ ↕	<i>identifies an order on the shipment (only one order level allowed per 856)</i> HL-01 = 2, second hierarchical structure in the ASN, HL-02 = 1, links the order level to the shipment level, HL-03 = O, code for order level.
HL*3*2*T\ ↕	<i>identifies the first tare (pallet) on the order</i> HL-01 = 3, third hierarchical structure in the ASN, HL-02 = 2, links the first pallet to the order level, HL-03 = T, code for the pallet level.
HL*4*3*I	<i>identifies the first item on the first pallet</i> HL-01 = 4, fourth hierarchical structure in the ASN, HL-02 = 3, links the item level to the first pallet, HL-03 = I, code for the item level.
HL*5*3*I	<i>Identifies the second item on the first pallet</i> HL-01 = 5, fifth hierarchical structure in the ASN, HL-02 = 3, links the item level to the first pallet, HL-03 = I, code for the item level.
HL*6*3*I	<i>Identifies the third item on the first pallet</i> HL-01 = 6, sixth hierarchical structure in the ASN, HL-02 = 3, links the item level to the first pallet, HL-03 = I, code for the item level.
HL*7*2*T\ ↕	<i>identifies the second tare (pallet) on the order</i> HL-01 = 7, seventh hierarchical structure in the ASN, HL-02 = 2, links the second pallet to the order level, HL-03 = T, code for the pallet level.
HL*8*7*I	<i>identifies the first item on the second pallet</i> HL-01 = 8, eighth hierarchical structure in the ASN, HL-02 = 7, links the item level to the second pallet, HL-03 = I, code for the item level.
HL*9*2*T\ ↕	<i>identifies the third tare (pallet) on the order</i> HL-01 = 9, ninth hierarchical structure in the ASN, HL-02 = 2, links the third pallet to the order level, HL-03 = T, code for the pallet level.
HL*10*9*I	<i>identifies the first item on the third pallet</i> HL-01 = 10, tenth hierarchical structure in the ASN, HL-02 = 9, links the item level to the third pallet, HL-03 = I, code for the item level.
HL*11*9*I	<i>identifies the second item on the third pallet</i> HL-01 = 11, eleventh hierarchical structure in the ASN, HL-02 = 9, links the item level to the third pallet, HL-03 = I, code for the item level.

## 856 BUSINESS EXAMPLES

**These are the 856 ASN Business Examples included in this document. Please review the 856 ASN Implementation Guide for details. Also review the FDC EDI ASN Specifications Supplement for additional details on FDC ASN requirements.**

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RDC = Lowe's Regional Distribution Center

FDC = Lowe's Flatbed Distribution Center



## 856 BUSINESS EXAMPLES

### Business Example 1 - Original Detail ASN with GS1-128 at Pallet Level for Lowe's Owned Purchase Order

ISA*00* *00* *qual*sender id*qual*receiver id*110407*1300*U*00400*000000001*0*P*>	Interchange Control Header
GS*SH*sender id*receiver id*20110407*1300*1*X*004010	Functional Group Control Header
ST*856*000000001	Transaction Set Header
BSN*00*999999999*20110407*1300*0001	Transaction Set Code (00=Original ASN), Shipment ID, ASN Create Date & Time, ASN HL Structure Code (0001=Detail ASN)
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>	
HL*1**S	Shipment Level
TD1*PLT*2	Number of Pallets Shipped (optional)
TD5**2*scac*M	Transport Mode
TD3*CV**9999	Type of Trailer & Trailer Number (optional)
REF*MB*99999999	Master Bill of Lading Number (optional)
DTM*011*20110407*1405*ET	Date & Time Shipped (date required, time optional)
FOB*CC	Collect Terms on Shipment
<b>LOOP ID - HL/N1</b>	
N1*SF*ABC Widgets	Shipper's Name
N4*Smithville*NC*21345	City, State, & Zip Code (optional)
<b>LOOP ID - HL (ORDER DETAIL)</b>	
HL*2*1*O	Order Level
PRF*999999999	Purchase Order Number
REF*BM*999	Bill of Lading Number (optional)
REF*CN*99999999	Carrier's Pro Number (optional)
REF*IA*12345	Lowe's Vendor Number
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time (date required, time optional)
<b>LOOP ID - HL/N1</b>	
N1*ST**94*992	Lowe's Location Receiving Product
<b>LOOP ID - HL (TARE DETAIL)</b>	
HL*3*2*T	Pallet (Tare) Level
MAN*GM*9999999999999999999	GS1-128Serial Shipping Container Code
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*4*3*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*5*3*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**72*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
<b>LOOP ID - HL (TARE DETAIL)</b>	
HL*6*2*T	Pallet (Tare) Level
MAN*GM*9999999999999999999	GS1-128Serial Shipping Container Code
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*7*6*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**24*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
CTT*7	Transaction Totals
SE*33*000000001	Transaction Set Trailer
GE*1*1	Functional Group Trailer
IEA*1*000000001	Interchange Control Trailer



## 856 BUSINESS EXAMPLES

### Business Example 2 - Replacement Detail ASN with GS1-128 at Pallet Level for Lowe's Owned Purchase Order

ISA*00* *00* *qual*sender id*qual* receiver id 2*110407*1300*U*00400*00000003*0*P*>	Interchange Control Header
GS*SH*sender id* receiver id *20110407*1300*3*X*004010	Functional Group Control Header
ST*856*000000003	Transaction Set Header
BSN*05*999999999*20110407*1300*0001	Transaction Set Code (05=Replacement ASN), Shipment ID must match Original ASN BSN-02, ASN Create Date & Time, ASN HL Structure Code (0001=Detail ASN)
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>	
HL*1**S	Shipment Level
TD1*PLT*2	Number of Pallets Shipped (optional)
TD5**2*scac*M	Transport Mode
TD3*CV**9999	Type of Trailer & Trailer Number (optional)
REF*MB*99999999	Master Bill of Lading Number (optional)
DTM*011*20110407*1405*ET	Date & Time Shipped (date required, time optional)
FOB*CC	Collect Terms on Shipment
<b>LOOP ID - HL/N1</b>	
N1*SF*ABC Widgets	Shipper's Name
N4*Smithville*NC*21345	City, State, & Zip Code (optional)
<b>LOOP ID - HL (ORDER DETAIL)</b>	
HL*2*1*O	Order Level
PRF*999999999	Purchase Order Number
REF*BM*999	Bill of Lading Number (optional)
REF*CN*99999999	Carrier's Pro Number (optional)
REF*IA*12345	Lowe's Vendor Number
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time (date required, time optional)
<b>LOOP ID - HL/N1</b>	
N1*ST**94*992	Lowe's Location Receiving Product
<b>LOOP ID - HL (TARE DETAIL)</b>	
HL*3*2*T	Pallet (Tare) Level
MAN*GM*9999999999999999999	GS1-128Serial Shipping Container Code
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*4*3*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**6*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*5*3*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**72*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
<b>LOOP ID - HL (TARE DETAIL)</b>	
HL*6*2*T	Pallet (Tare) Level
MAN*GM*9999999999999999999	GS1-128Serial Shipping Container Code
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*7*6*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**48*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
CTT*7	Transaction Totals
SE*33*000000003	Transaction Set Trailer
GE*1*3	Functional Group Trailer
IEA*1*000000003	Interchange Control Trailer



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### Business Example 3 - Original Detail ASN with GS1-128 at Pallet Level for Two RDC Vendor Prepared Cross-Dock Orders

ISA*00* *00* *qual*sender id*qual* receiver id **110407*1300*U*00400*00000001*0*P*>	Interchange Control Header
GS*SH*sender id* receiver id *20110407*1300*1*X*004010	Functional Group Control Header
ST*856*000000001	Transaction Set Header
BSN*00*999999999*20110407*1300*0001	Transaction Set Code (00=Original ASN), Shipment ID, ASN Create Date & Time, ASN HL Structure Code (0001=Detail ASN)
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>	
HL*1**S	Shipment Level
TD1*PLT*2	Number of Pallets Shipped (optional)
TD5**2*scac*M	Transport Mode
TD3*CV**9999	Type of Trailer & Trailer Number (optional)
REF*MB*999999999	Master Bill of Lading Number (optional)
DTM*011*20110407*1405*ET	Date & Time Shipped (date required, time optional)
FOB*CC	Collect Terms on Shipment
<b>LOOP ID - HL/N1</b>	
N1*SF*ABC Widgets	Shipper's Name
N4*Smithville*NC*21345	City, State, & Zip Code (optional)
<b>LOOP ID - HL (ORDER DETAIL)</b>	
HL*2*1*O	Order Level
PRF*999999999	Purchase Order Number
REF*BM*999	Bill of Lading Number (optional)
REF*CN*999999999	Carrier's Pro Number (optional)
REF*IA*12345	Lowe's Vendor Number
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time (date required, time optional)
<b>LOOP ID - HL/N1</b>	
N1*ST**94*960	Lowe's Distribution Center Location Number (Initial Ship To Location)
N1*MA**94*701	Final Destination Store Location to Receive the Product
<b>LOOP ID - HL (TARE DETAIL)</b>	
HL*3*2*T	Pallet (Tare) Level
MAN*GM*9999999999999999999	GS1-128Serial Shipping Container Code
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*4*3*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*5*3*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**72*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
<b>LOOP ID - HL (TARE DETAIL)</b>	
HL*6*2*T	Pallet (Tare) Level
MAN*GM*9999999999999999999	GS1-128Serial Shipping Container Code
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*7*6*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**24*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
CTT*7	Transaction Totals
SE*34*000000001	Transaction Set Trailer
ST*856*000000002	Additional Transaction Set Header for Another Order
BSN*00*999999999*20110407*1300*0001	Transaction Set Code (00=Original ASN), Shipment ID, ASN Create Date



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	& Time, ASN HL Structure Code (0001=Detail ASN)
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>	
HL*1**S	Shipment Level
TD1*PLT*1	Number of Pallets Shipped (optional)
TD5**2*scac*M	Transport Mode
TD3*CV**9999	Type of Trailer & Trailer Number (optional)
REF*MB*99999	Master Bill of Lading Number (optional)
DTM*011*20110407*1405*ET	Date & Time Shipped (date required, time optional)
FOB*CC	Collect Terms on Shipment
<b>LOOP ID - HL/N1</b>	
N1*SF*ABC Widgets	Shipper's Name
N4*Smithville*NC*21345	City, State, & Zip Code (optional)
<b>LOOP ID - HL (ORDER DETAIL)</b>	
HL*2*1*O	Order Level
PRF*999999988	Purchase Order Number
REF*BM*999	Bill of Lading Number (optional)
REF*CN*99999999	Carrier's Pro Number (optional)
REF*IA*12345	Lowe's Vendor Number
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time (date required, time optional)
<b>LOOP ID - HL/N1</b>	
N1*ST**94*960	Lowe's Distribution Center Location Number
N1*MA**94*143	Final Destination Store Location to Receive the Product
<b>LOOP ID - HL (TARE DETAIL)</b>	
HL*3*2*T	Pallet (Tare) Level
MAN*GM*99999999999999999999	GS1-128Serial Shipping Container Code
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*4*3*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
CTT*4	Transaction Totals
SE*26*000000002	Transaction Set Trailer for Second Order
GE*2*1	Functional Group Trailer
IEA*1*000000001	Interchange Control Trailer



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### Business Example 4 - Original Summary ASN for Lowe's Owned Purchase Order – Truck Shipment\*

ISA*00* *00* *qual*sender id*qual* receiver id *110407*1300*U*00400*000000001*0*P*>	Interchange Control Header
GS*SH*sender id* receiver id *20110407*1300*1*X*004010	Functional Group Control Header
ST*856*000000001	Transaction Set Header
BSN*00*999999999*20110407*1300*0004	Transaction Set Code (00=Original ASN), Shipment ID, ASN Create Date & Time, ASN HL Structure Code (0004=Summary ASN)
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>	
HL*1**S	Shipment Level
TD1*PLT*3	Number of Pallets Shipped (optional)
TD5**2*scac*M	Transport Mode
REF*MB*99999	Master Bill of Lading Number (optional)
DTM*011*20110407*1405*ET	Date & Time Shipped (date required, time optional)
FOB*CC	Collect Terms on Shipment
<b>LOOP ID - HL/N1</b>	
N1*SF*ABC Widgets	Shipper's Name
N4*Smithville*NC*21345	City, State, & Zip Code (optional)
<b>LOOP ID - HL (ORDER DETAIL)</b>	
HL*2*1*O	Order Level
PRF*099999999	Purchase Order Number (Assigned by Lowe's)
REF*BM*999	Bill of Lading Number (optional)
REF*CN*9999999	Carrier's Pro Number (optional)
REF*IA*12345	Lowe's Vendor Number
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time (date required, time optional)
<b>LOOP ID - HL/N1</b>	
N1*ST**94*1424	Lowe's FDC Location Receiving Product
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*3*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*4*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**72*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*5*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
CTT*5	Transaction Totals
SE*28*000000001	Transaction Set Trailer
GE*1*1	Functional Group Trailer
IEA*1*000000001	Interchange Control Trailer

*\*For Original Summary ASNs for Lowe's Owned Purchase Order – Rail FDC Shipment, include a value of 'R' in TD5-04 and include the TD3 segment. This is an example.*

TD5**2*scac*R	Transport Mode
TD3*RF**ABCD123456	Type of Rail Car & Rail Car Number (required for rail shipments)



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### Business Example 5 - Replacement Summary ASN for Lowe's Owned Purchase Order – Truck Shipment\*

ISA*00* *00* *qual*sender id*qual* receiver id *110407*1300*U*00400*000000002*0*P*>	Interchange Control Header
GS*SH*sender id* receiver id *20110407*1300*2*X*004010	Functional Group Control Header
ST*856*000000002	Transaction Set Header
BSN*05*999999999*20110407*1300*0004	Transaction Set Code (05=Replacement ASN), Shipment ID as sent in Original ASN, ASN Create Date & Time, ASN HL Structure Code (0004=Summary ASN)
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>	
HL*1**S	Shipment Level
TD1*PLT*3	Number of Pallets Shipped (optional)
TD5**2*scac*M	Transport Mode
REF*MB*99999	Master Bill of Lading Number (optional)
DTM*011*20110407*1405*ET	Date & Time Shipped (date required, time optional)
FOB*CC	Collect Terms on Shipment
<b>LOOP ID - HL/N1</b>	
N1*SF*ABC Widgets	Shipper's Name
N4*Smithville*NC*21345	City, State, & Zip Code (optional)
<b>LOOP ID - HL (ORDER DETAIL)</b>	
HL*2*1*O	Order Level
PRF*999999999	Purchase Order Number (Assigned by Lowe's)
REF*BM*999	Bill of Lading Number (optional)
REF*CN*99999999	Carrier's Pro Number (optional)
REF*IA*12345	Lowe's Vendor Number
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time (date required, time optional)
<b>LOOP ID - HL/N1</b>	
N1*ST**94*1424	Lowe's FDC Location Receiving Product
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*3*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*4*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**72*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*5*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**36*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
CTT*5	Transaction Totals
SE*28*000000002	Transaction Set Trailer
GE*1*2	Functional Group Trailer
IEA*1*000000002	Interchange Control Trailer

*\*For Replacement Summary ASNs for Lowe's Owned Purchase Order – Rail FDC Shipment, include a value of 'R' in TD5-04 and include the TD3 segment. This is an example.*

TD5**2*scac*R	Transport Mode
TD3*RF**ABCD123456	Type of Rail Car & Rail Car Number (required for rail shipments)



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### Business Example 6 - Original Summary ASN for Consignment Purchase Order – Rail FDC Shipment

ISA*00* *00* *qual*sender id*qual* receiver id *110407*1300*U*00400*000000001*0*P*>	Interchange Control Header
GS*SH*sender id* receiver id *20110407*1300*1*X*004010	Functional Group Control Header
ST*856*000000001	Transaction Set Header
BSN*00*999999999*20110407*1300*0004	Transaction Set Code (00=Original ASN), BSN02=Consignment PO # Assigned by Vendor, ASN Create Date & Time, ASN HL Structure Code (0004=Summary ASN)
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>	
HL*1**S	Shipment Level
TD1*PLT*3	Number of Pallets Shipped (optional)
TD5**2*scac*R	Transport Mode
TD3*BX**ABCD123456	Type of Rail Car & Rail Car Number (required for Rail shipments)
REF*MB*99999	Master Bill of Lading Number (optional)
DTM*011*20110407*1405*ET	Date & Time Shipped (date required, time optional)
FOB*CC	Collect Terms on Shipment
<b>LOOP ID - HL/N1</b>	
N1*SF*ABC Widgets	Shipper's Name
N4*Smithville*NC*21345	City, State, & Zip Code (optional)
<b>LOOP ID - HL (ORDER DETAIL)</b>	
HL*2*1*O	Order Level
PRF*()******CN	Purchase Order Number=0 and Consignment Flag=CN for Consignment ASN
REF*BM*999	Bill of Lading Number (optional)
REF*CN*99999999	Carrier's Pro Number (optional)
REF*IA*12345	Lowe's Vendor Number
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time (date required, time optional)
<b>LOOP ID - HL/N1</b>	
N1*ST**94*1424	Lowe's FDC Location Receiving Product
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*3*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*4*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**72*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*5*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
CTT*5	Transaction Totals
SE*29*000000001	Transaction Set Trailer
GE*1*1	Functional Group Trailer
IEA*1*000000001	Interchange Control Trailer



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### Business Example 7 - Replacement Summary ASN for Consignment Purchase Order – Rail FDC Shipment

ISA*00* *00* *qual*sender id*qual* receiver id *110407*1300*U*00400*00000001*0*P*>	Interchange Control Header
GS*SH*sender id* receiver id *20110407*1300*1*X*004010	Functional Group Control Header
ST*856*00000001	Transaction Set Header
BSN*05*99999999*20110407*1300*0004	Transaction Set Code (05=Replacement ASN), BSN02=Consignment PO # Assigned by Vendor as sent in Original ASN, ASN Create Date & Time, ASN HL Structure Code (0004=Summary ASN)
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>	
HL*1**S	Shipment Level
TD1*PLT*3	Number of Pallets Shipped (optional)
TD5**2*scac*R	Transport Mode
TD3*BX**ABCD123456	Type of Rail Car & Rail Car Number (required for rail shipments)
REF*MB*99999	Master Bill of Lading Number (optional)
DTM*011*20110407*1405*ET	Date & Time Shipped (date required, time optional)
FOB*CC	Collect Terms on Shipment
<b>LOOP ID - HL/N1</b>	
N1*SF*ABC Widgets	Shipper's Name
N4*Smithville*NC*21345	City, State, & Zip Code (optional)
<b>LOOP ID - HL (ORDER DETAIL)</b>	
HL*2*1*O	Order Level
PRF*()******CN	Purchase Order Number=0 and Consignment Flag=CN for Consignment ASN
REF*BM*999	Bill of Lading Number (optional)
REF*CN*99999999	Carrier's Pro Number (optional)
REF*IA*12345	Lowe's Vendor Number
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time (date required, time optional)
<b>LOOP ID - HL/N1</b>	
N1*ST**94*1424	Lowe's FDC Location Receiving Product
<b>LOOP ID - HL (ITEM DETAIL)</b>	
HL*3*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*4*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**72*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
HL*5*2*I	Item Level
LIN**CB*999999	Lowe's Item Number
SN1**12*EA	Quantity Shipped for Lowe's Item, UOM assigned by Lowe's
CTT*5	Transaction Totals
SE*29*000000001	Transaction Set Trailer
GE*1*1	Functional Group Trailer
IEA*1*000000001	Interchange Control Trailer



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### Business Example 12 - Early ASN Original & Replacement ASN for Consignment Purchase Order – Truck FDC Consignment Shipment Only

For Lowe's business rules on Early EDI ASNs, please refer to the FDC ASN Specifications Supplement on [www.loweslink.com](http://www.loweslink.com) under the EDI tab, EDI Specifications & Business Examples, FDC Vendors – Consignment & Stock Product. Please only use this Business Example if your organization plans on sending Early EDI ASNs for Truck Consignment Shipments.

All of the segments noted as Required in the 'Early EDI ASN' and 'Final EDI ASN' columns below are mandatory in the EDI ASN. See Lowe's EDI 856 ASN Implementation Guide for more information.

Business Example 17 - EDI 856 ASN Segments/Elements	ASN Segment Description	Early EDI ASN for Truck Consignment Only	Final EDI ASN for Shipments after Early ASN for Truck Consignment Only
ISA*00* *00* *qual*sender id*01*006097142*110407*1300*U*00400* 000000001*0*P*>	Interchange Control Header	Required.	Required.
GS*SH*sender id*006097142*20110407*1300*1*X*00401 0	Functional Group Control Header	Required.	Required.
ST*856*000000001	Transaction Set Header	Required.	Required.
BSN*00*999999999*20110407*1300*0004	Transaction Set Code (00=Original ASN), BSN02=Consignment PO # Assigned by Vendor, ASN Create Date & Time, ASN HL Structure Code (0004=Summary ASN)	BSN-01 = 00 for Original ASN.  BSN-02 = For Consignment ASN, PO # assigned by vendor, maximum 20, alpha-numeric This value should not include the BOL #.  BSN-02 Must be unique for 2 years.	BSN-01 = 05 for Replacement ASN. BSN-02 = Match value from Original ASN.  All Replacement ASNs should always include the information for the entire shipment.
<b>LOOP ID - HL (SHIPMENT DETAIL)</b>			
HL*1**S	Shipment Level	Required.	Required.
TD1*PLT*1	Number of Pallets Shipped	Optional.	Optional.
TD5**2*scac*M	Transport Mode	TD5-02 = 91 for Carrier Name.  TD5-03 = EARLY ASN (include this verbiage) unless the SCAC or Carrier Name is known at the time of the Early ASN.	TD5-02 = 2 for SCAC, or 91 for Carrier Name.  TD5-03 = Valid SCAC Code or Carrier Name.
TD3*CV**9999	Type of Trailer & Trailer Number – EXCLUDE for FDC truck shipments	Exclude TD3 segment for all FDC Truck shipments (including consigned and owned product)  Exclude TD3 segment for Early ASN.	Exclude TD3 segment for all FDC Truck shipments (including consigned and owned product).  Required For Rail Shipments – see 856 Specs
REF*MB*99999	Master Bill of Lading Number	Optional.	Optional.
DTM*011*20110407*1405*ET	Date & Time Shipped	Required; however, likely unknown. Please populate with estimated ship date.  Time and time zone are optional; only date is required.	Required: actual ship date.  Time and time zone are optional; only date is required.
FOB*CC	Collect Terms on Shipment	Required.	Required.



## 856 BUSINESS EXAMPLES

Business Example 17 - EDI 856 ASN Segments/Elements	ASN Segment Description	Early EDI ASN for Truck Consignment Only	Final EDI ASN for Shipments after Early ASN for Truck Consignment Only
<b>LOOP ID - HL/N1</b>			
N1*SF*ABC Widgets	Shipper's Name	Required.	Required.
N3*1532 North Main Street	Shipper's Address	Optional.	Optional.
N4*Smithville*NC*21345	Shipper's City, State, & Zip Code (optional)	Optional.	Optional.
<b>LOOP ID - HL (ORDER DETAIL)</b>			
HL*2*1*O	Order Level	Required.	Required.
PRF*0*****CN (for ASNs for only consignment shipments)	Purchase Order Number & Consignment Indicator - <i>See BSN02 for Consignment PO #.</i>	PRF-01 = 0, PRF-07 = CN; both required.	PRF-01 = 0, PRF-07 = CN; both required.
REF*BM*999	Bill of Lading Number	Optional.	Optional.
REF*CN*9999999	Carrier's Pro Number	Optional.	Optional.
REF*IA*12345	Lowe's Vendor Number	REF*IA segment, REF-02 = vendor # assigned to FDC (use LowesLink to identify appropriate vendor #).	REF*IA segment, REF-02 = vendor # assigned to FDC (use LowesLink to identify appropriate vendor #).
DTM*067*20110409*1259*ET	Estimated Arrival Date & Time	Estimated Arrival Date Required.  Time and Time Zone – Optional.  Please note: this is for Lowe's internal reporting purposes only; please populate this date using estimated expected transit time.	Estimated Arrival Date Required.  Time and Time Zone – Optional.  Please note: this is for Lowe's internal reporting purposes only; please populate this date using estimated expected transit time.
<b>LOOP ID - HL/N1</b>			
N1*ST**94*1424	Lowe's FDC Location Number	Required.	Required.
<b>LOOP ID - HL (ITEM DETAIL)</b>			
HL*3*2*1	Item Level	Required.	Required.
LIN**CB*999999	Lowe's Item Number	Required.	Required.
SN1**12*EA	Quantity Shipped & Unit of Measure (UOM) for Lowe's Item	SN1-03 UOM = should include the lowest ship unit measurement as defined by Lowe's Merchandising;; SN1-02 Quantity should match accordingly.	SN1-03 UOM = should include the lowest ship unit measurement as defined by Lowe's Merchandising;; SN1-02 Quantity should match accordingly.
CTT*3	Transaction Totals	Required.	Required.
SE*24*000000001	Transaction Set Trailer	Required.	Required.
GE*1*1	Functional Group Trailer	Required.	Required.
IEA*1*000000001	Interchange Control Trailer	Required.	Required.