

# STATE OF MAINE DEPARTMENT OF TRANSPORTATION



## ROCKPORT

Knox

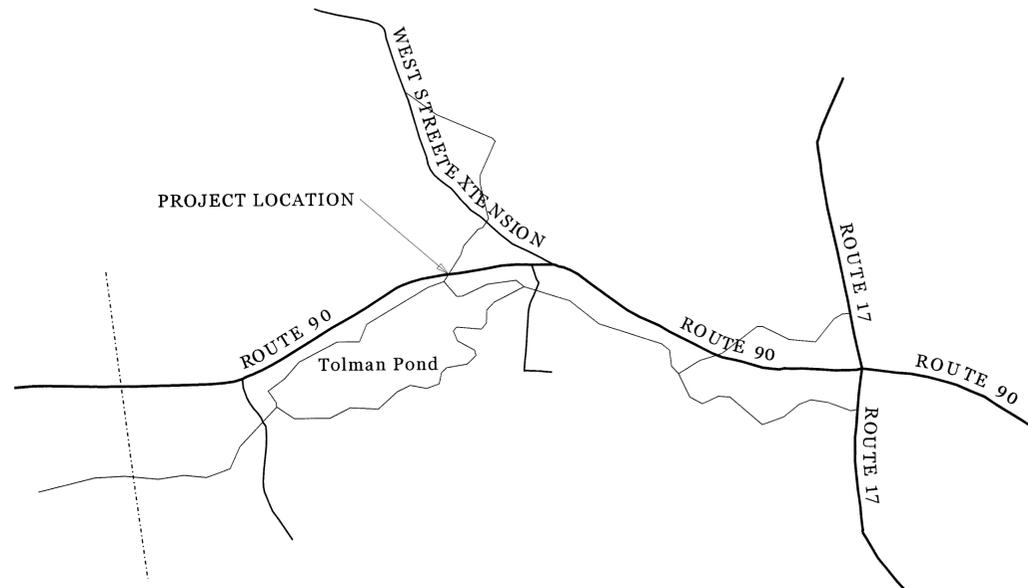
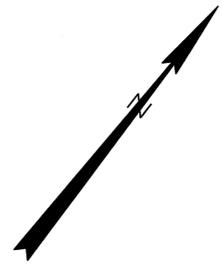
U.S. Route 90

**STATE PROJECT 018445.00**

PROJECT LENGTH : 0.02 MILES

PLAN LEGEND	
Town, County, State	Centerline-Existing
Property Lines	Centerline-Proposed
R/W Lines-Existing	Travelway-Existing
R/W Lines-Proposed	Travelway-Proposed
Culvert-Existing	Railroad
Culvert Proposed	Catch Basins
Curbing Existing	Manholes
Curbing Proposed	Proposed Underdrain
Type 1	Proposed Ditch
Type 3	Existing Ditch
Type 5	Utility Poles
Outline of Bodies of Water	Fire Hydrants
Ledge	Existing Water Line
Buildings	Existing San. Sewer
Trees	Existing San. Sewer Manhole
Tree Line	Guardrail-Existing
Clearing Limit Line	Guardrail-Proposed
	Guardrail-Cable, Other

INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
Plans, Profile, Estimated Quants, Gen. Notes	2
Cross Section, Detail, Construction Notes	3



TRAFFIC DATA	
Current (2012) AADT	7185
Design Speed (mph)	55
Functional Class	Minor Arterial

<b>PROJECT LOCATION:</b>	Rockport, Route 90, Located 0.82 miles Westerly of Route 17
<b>PROGRAM AREA:</b>	Critical Infrastructure, Highway Program
<b>SCOPE OF WORK:</b>	Strut Replacement

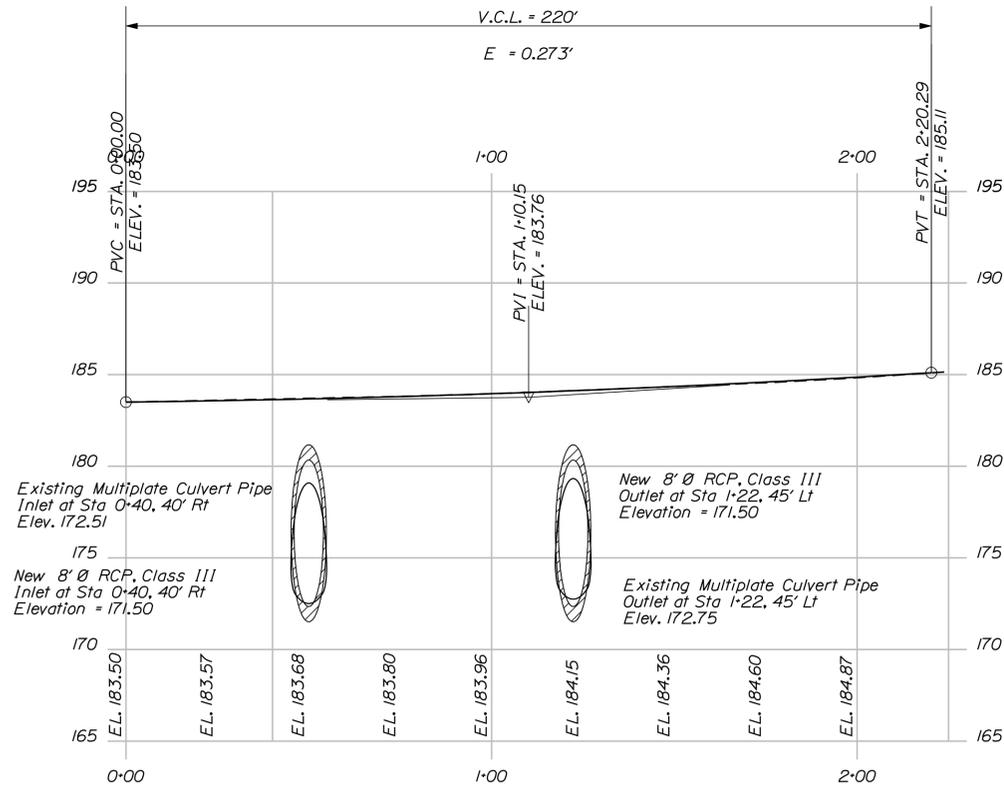
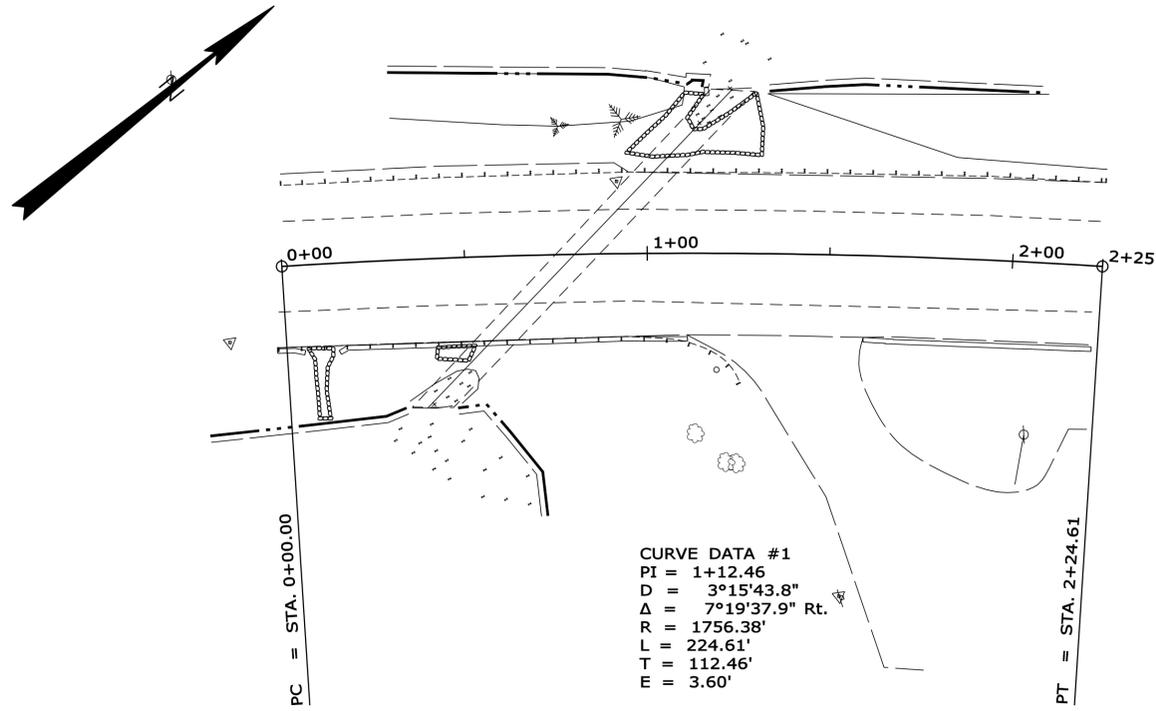
	APPROVED DATE: 7/24/13 COMMISSIONER: <i>[Signature]</i> CHIEF ENGINEER: <i>[Signature]</i>
PROJECT INFORMATION PROGRAM: HIGHWAY PROJECT MANAGER: S. SMITH DESIGNER: S. PAUL CONSULTANT: PROJECT RESIDENT CONTRACTOR: PROJECT COMPLETION DATE:	STATE OF MAINE DEPARTMENT OF TRANSPORTATION PROJECT NUMBER: 18445.00 SHEET NUMBER: 1 OF 3

Date: 7/23/2013

Username: Sterling, Paul

Division: HIGHWAY

Filename: ...:\00\HIGHWAY\MSTA\001\_Title.dgn



PROFILE

ITEM NO.	ESTIMATED QUANTITIES		
	DESCRIPTION	QUANTITY	UNIT
203.242	DIRTY BORROW	5	CY
203.25	GRANULAR BORROW	100	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	125	CY
403.208	HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE	130	TN
409.15	BITUMINOUS TACK COAT, APPLIED	30	GAL
504.07	CONCRETE PIPE TIES (GROUP)	4	GRP
511.07	COFFERDAM (UPSTREAM)	1	LS
511.07	COFFERDAM (DOWNSTREAM)	1	LS
603.2891	96" RCP, CLASS III	118	FT
606.366	GUARDRAIL, REMOVE AND RESET, TYPE 3C	150	FT
610.08	PLAIN RIPRAP	50	CY
613.319	EROSION CONTROL BLANKET	70	SY
618.1401	SEEDING METHOD NUMBER 2, PLAN QUANTITY	1	UN
619.1201	MULCH, PLAN QUANTITY	1	UN
620.58	NON WOVEN GEOTEXTILE	100	SY
627.733	4" WHITE OR YELLOW PAINTED PAVE. MARKING LINE	225	LF
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.12	ALL-PURPOSE EXC (INC OPERATOR)	10	HR
631.172	TRUCK-LARGE (INC OPERATOR)	10	HR
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
652.33	DRUM	30	EA
652.34	CONE	30	EA
652.35	CONSTRUCTION SIGNS	240	SF
652.361	MAINT OF TRAFF CONTROL DEV	1	LS
652.38	FLAGGER	80	HR
652.381	TRAFFIC OFFICERS	25	HR
656.75	TEMP. SOIL EROS. AND WATER POLL. CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL NOTES

1. Crows for both normal and superelevated sections for all courses of subbase and pavement shall be straight.
2. Stations referenced are approximate.
3. Any necessary cleaning of existing pavement prior to paving shall be incidental to the related paving items.
4. No existing drainage shall be abandoned, removed or plugged without prior approval of the Resident.
5. All Utility Facilities shall be adjusted by the respective Utilities unless otherwise noted.
6. All work shall be done in accordance with the latest revision of the Maine Department of Transportation's Best Management Practices for Erosion and Sediment Control.
7. All waste material not used on the project shall be disposed of in acceptable waste areas. Waste areas shall be reviewed by the Resident. Grading, seeding, and mulching of waste areas will be considered incidental to the contract.
8. Any damage to the slopes caused by the contractor's equipment, personnel, or operation shall be repaired to the satisfaction of the resident. All work, equipment, and materials required to make repairs shall be at the contractor's expense.
9. Borings and soundings were taken along the channel during the original culvert installation. They showed 3 to 5 feet of fine sand and silty fine sand overlying clayey-silt. These soils are of medium consistency. Ledge was not encountered, and peat or highly organic soil was also found to be absent.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
18445.00  
PIN 18445.00  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
S. Smith		
S. Pajul		
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN-DETAILED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ROCKPORT  
U.S. Route 90  
PLANS

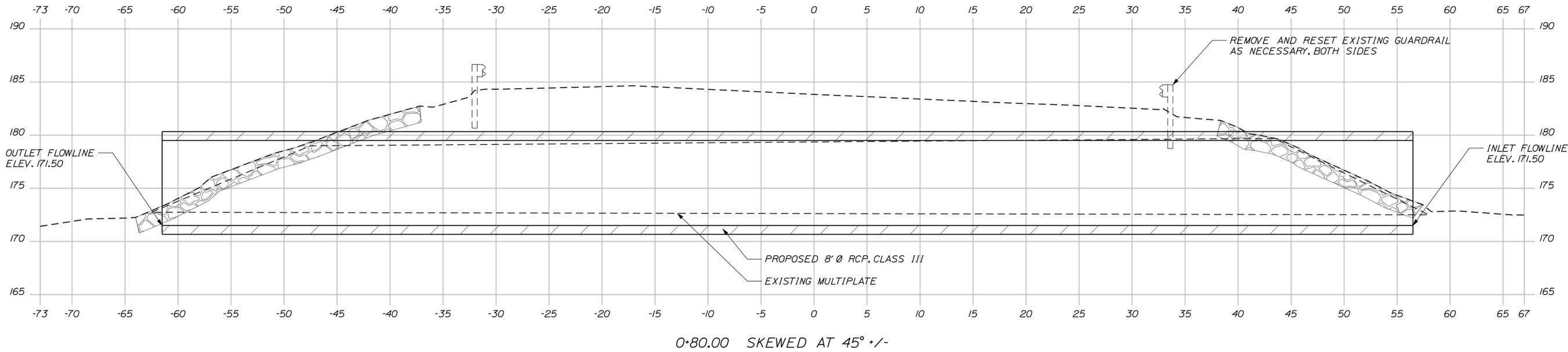
SHEET NUMBER  
2  
OF 3

Date: 6/28/2013

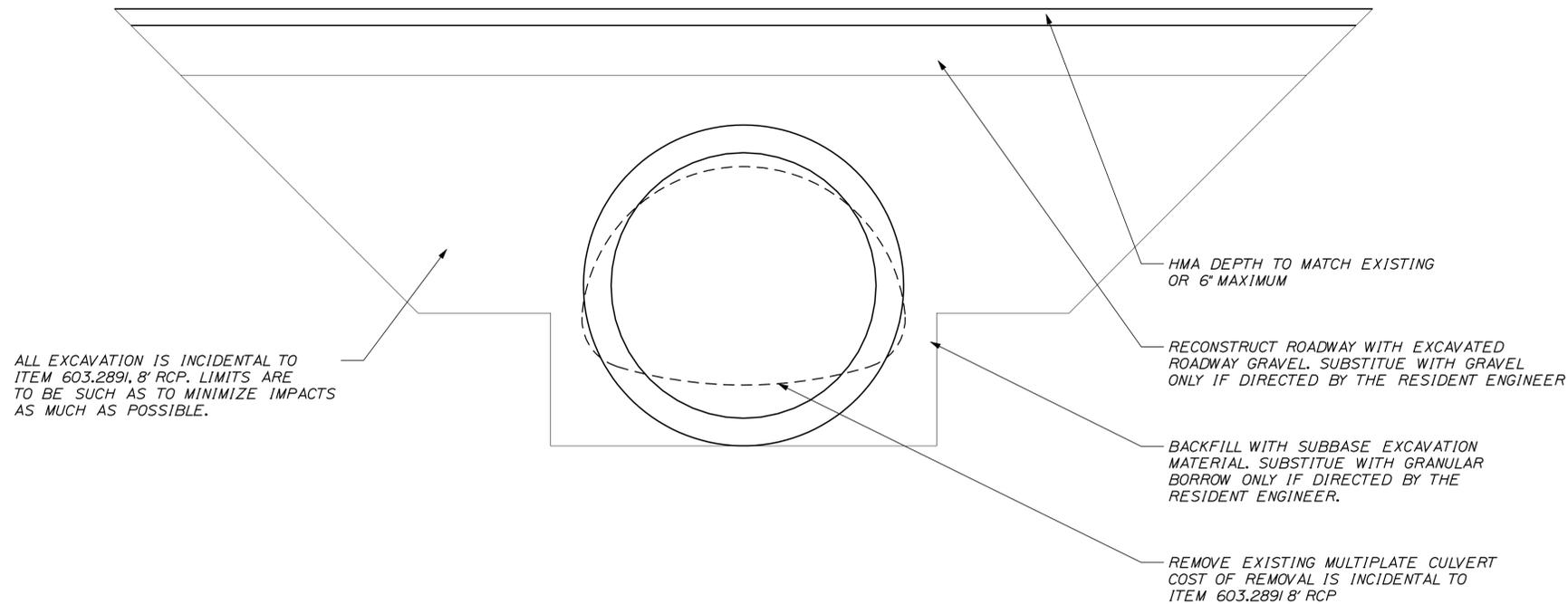
Username: Sterling, Paul

Division: HIGHWAY

Filename: ... \msta\003\_Xsect\_Notes.dgn



GUARDRAIL NOT SHOWN  
 REMOVE, PRESERVE AND REINSTALL  
 EXISTING GUARDRAIL IN ACCORDANCE TO  
 STANDARD SPECIFICATIONS SECTION 606



**Construction Notes**

**Item 203.242 Dirty Borrow**  
 Dirty Borrow has been estimated for all disturbed slope areas not receiving a riprap treatment. Actual placement shall be as designated by the Resident. Dirty borrow shall be placed to a nominal depth of 2 inches unless otherwise directed.

**Item 203.25 Granular Borrow**  
 For use only if the existing excavation material is unsuitable for backfill. Granular Borrow will only be measured for payment if its use is directed by the Resident.

**Item 304.10 Aggregate Subbase Course - Gravel**  
 For use only if the existing excavation material is unsuitable for gravel. Gravel will only be measured for payment if its use is directed by the Resident.

**Item 403.208 HMA 12.5mm Nominal Maximum Size**  
 Replace pavement to the depth that exists, not to exceed 6". It is anticipated that three 2" lifts will be required.

**Item 409.15 Bituminous Tack Coat, Applied**  
 Apply tack between all pavement layers.

**Item 504.07 Concrete Pipe Ties**  
 Pipe Ties are required on the last two joints at each end of the structure, at a minimum.

**Item 511.07 Cofferdam (Upstream and Downstream)**  
 Cofferdams shall be constructed with sheet piles. No other method of cofferdam will be allowed. Sheet Piles shall be specified in the cofferdam working drawings.

**Item 603.289I 96" RCP, Class III**  
 The following shall be incidental to the 603 item:  
 \*\*Any necessary clearing of brush and/or trees at the culvert ends.  
 \*\*All excavation, including any cutting and removing of pavement.  
 \*\*Removal and proper disposal of the existing multiplate.  
 \*\*If foundation material is required under the culvert, it shall meet the requirements for Granular Borrow- Underwater Backfill, and will be incidental to the pipe.  
 \*\*Backfill and compaction utilizing the excavation material.  
 \*\*Roadbase construction, utilizing the roadbase excavation material.  
 \*\*Fine-grading of the final layer of material to prepare for paving.

**Item 606.366 Guardrail, Remove and Reset, Type 3C**  
 Remove, stockpile, and reset enough guardrail to provide access for the trench excavation.

**Item 613.319 Erosion Control Blanket**  
 For use, if necessary, along the edge of pavement over the dirty borrow.

**Item 618.140I and Item 619.120I Method 2 Seed and Mulch**  
 All disturbed areas must be seeded and may be done by hand.

**Item 627.733 4" White or Yellow Painted Pavement Marking Line**  
 Replace the existing striping when surface pavement is complete.

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 18445.00  
 PIN 18445.00  
 BRIDGE NO. \_\_\_\_\_  
 HIERARCHIC PLANS

PROJ. MANAGER	BY	DATE
S. Smith	S. Paul	
DESIGN DETAILED		
CHECKED-REVIEWED		
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ROCKPORT  
 U.S. Route 90  
 Knox  
 CROSS SECTIONS

SHEET NUMBER  
 3  
 OF 3