

SCALE IN MILES  
 0 1 2 3 4



PORTION TO BE IMPROVED  
 INTERSTATE HIGHWAY  
 FEDERAL ROUTES  
 STATE ROUTES  
 COUNTY & TOWNSHIP ROADS  
 OTHER ROADS

**DESIGN DESIGNATION**

GRE-35-2.65	GRE-835-2.47
CURRENT ADT (2024).....	7,100
DESIGN YEAR ADT (2036).....	7,900
DESIGN HOURLY VOLUME (2036).....	800
DIRECTIONAL DISTRIBUTION.....	54%
TRUCKS (24 HOUR B&C).....	2%
DESIGN SPEED.....	50 MPH
LEGAL SPEED.....	50 MPH
DESIGN FUNCTIONAL CLASSIFICATION: URBAN INTERSTATE	
MHS PROJECT.....	NO

**DESIGN EXCEPTIONS**  
 NONE

**UNDERGROUND UTILITIES**  
 Contact Two Working Days  
 Before You Dig



OHIO811, 8-1-1, or 1-800-362-2764  
 (Non-members must be called directly)

PLAN PREPARED BY:  
 BURGESS & NIPLÉ, INC.  
 525 VINE STREET, SUITE 1300  
 CINCINNATI, OH 45202

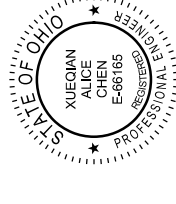
STATE OF OHIO  
 DEPARTMENT OF TRANSPORTATION  
**GRE-US35 / 835**  
**/ 2.65 / 2.47**  
 GREENE COUNTY  
 BRIDGE MAINTENANCE  
 CITY OF BEAVERCREEK

**INDEX OF SHEETS:**

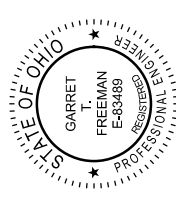
TITLE SHEET	1
MAINTENANCE OF TRAFFIC GENERAL NOTES	2
TRAFFIC CONTROL	3-3A
STRUCTURE (20' AND OVER)	4-5
STRUCTURE GENERAL NOTES	6
STRUCTURE QUANTITIES	7-11
GRE-35-0265	12-15
GRE-835-0247	

STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
MT-95.30	7/19/19	800	10/20/23 1519
MT-95.31	7/19/19	832	7/21/23
MT-99.60	7/15/16	840	4/16/21
MT-102.20	4/7/19/19	843	10/18/19
MT-105.10	1/17/20		
TC-16.22	7/16/21		
TC-21.21	7/15/22		
TC-72.20	7/21/23		

ENGINEER'S SEAL  
 SHEETS 1-3, 4-15



ENGINEER'S SEAL  
 SHEET 3A



**PROJECT DESCRIPTION**

REHABILITATE BRIDGES GRE-35-0265 THAT CARRIES NORTH FAIRFIELD RD OVER US 35 AND GRE-835-0247 THAT CARRIES SR 835 OVER US 35 BY STRENGTHENING THE PIERS WITH FIBER REINFORCED POLYMER (FRP), REPAIR CRACKS IN BRIDGE BARRIERS AND REPAIR THE ABUTMENT/MSE WALL DAMAGE.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: 0.22 ACRES  
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.0 ACRES  
 NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES  
 (MAINTENANCE PROJECT)

**LIMITED ACCESS**

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

**2023 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

*Tammy K. Campbell*  
 Tammy K. Campbell, P.E.  
 District 08 Deputy Director

*Jack Marchbanks*  
 Jack Marchbanks, PhD  
 Director, Department of Transportation

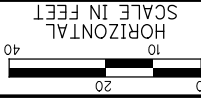
FEDERAL PROJECT NO. E170717

PID NO. 102792

CONSTRUCTION PROJECT NO. NONE

RAILROAD INVOLVEMENT NONE

GRE-35 / 835 / 2.65 / 2.47

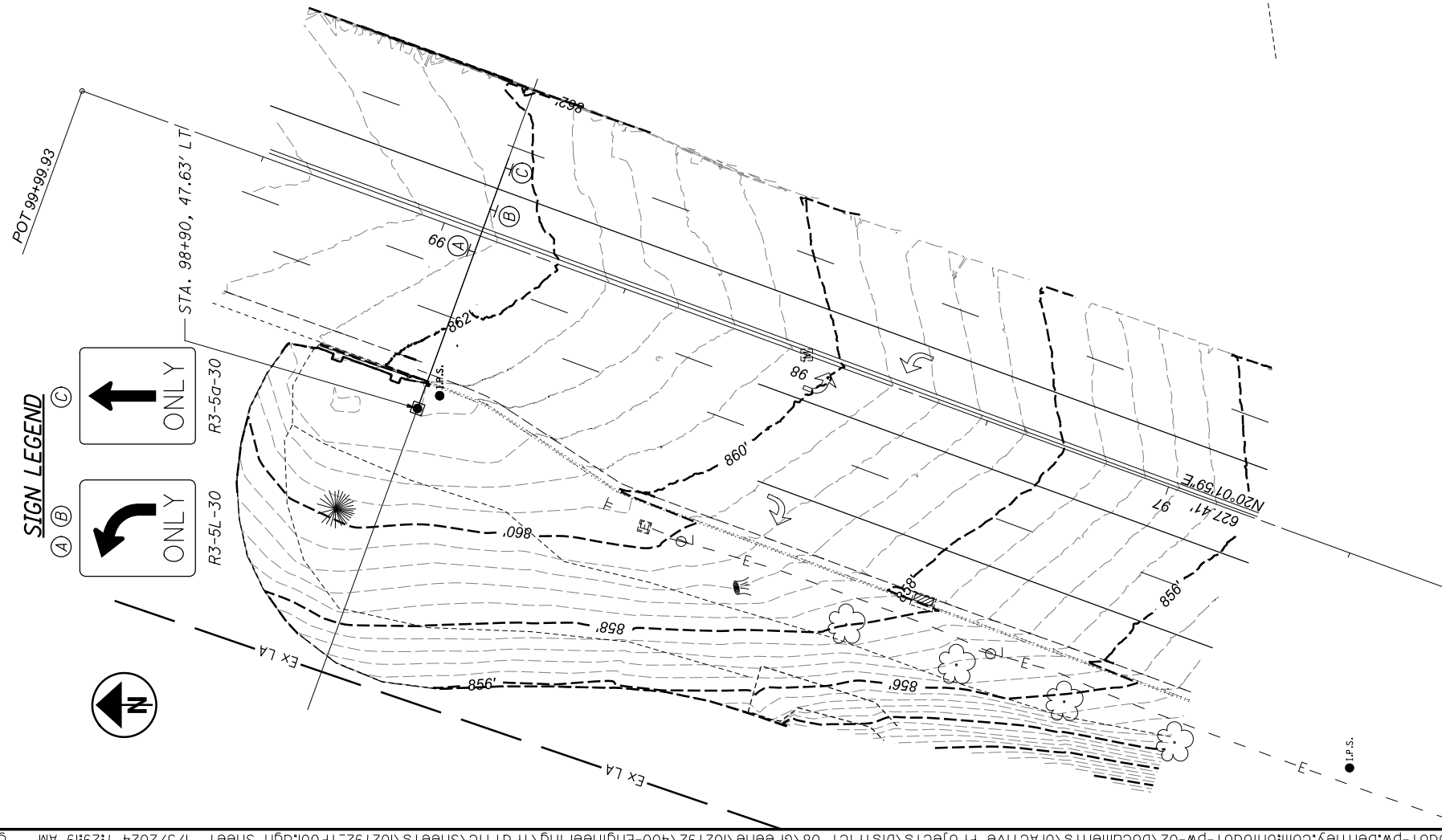


CALCULATED  
STB  
CHECKED  
SCS

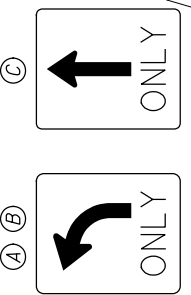
TRAFFIC CONTROL  
PLAN, ELEVATION VIEW, AND QUANTITIES

GRE - 35 / 835  
/ 2.65 / 2.47  
PID No. 102792

PLAN VIEW

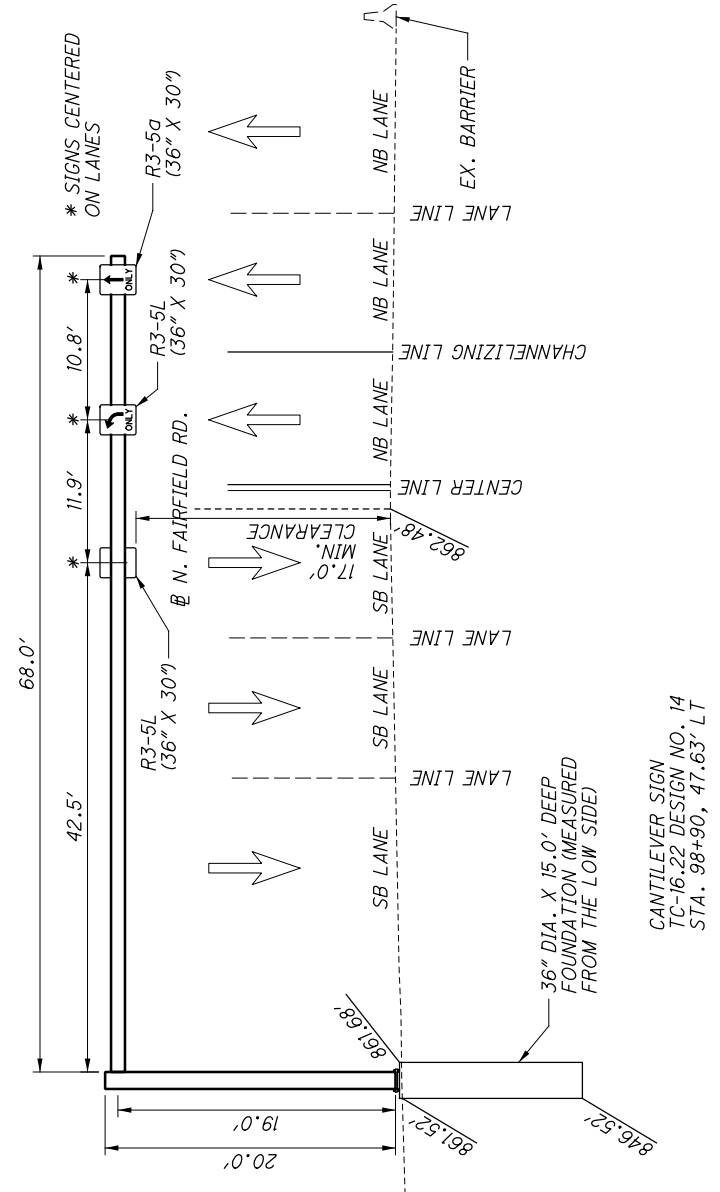


SIGN LEGEND

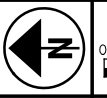


ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION
614	11110	16	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE
614	18601	3	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN
625	32000	1	EACH	GROUND ROD
630	72560	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 14
630	79100	3	EACH	SIGN HANGER ASSEMBLY, MAST ARM
630	80100	22.5	SF	SIGN, FLAT SHEET
630	84510	1	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION
630	87400	3	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL
630	89702	1	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL
659	10000	1082	SY	SEEDING AND MULCHING
659	20000	0.15	TON	COMMERCIAL FERTILIZER
659	31000	0.22	ACRE	LIME
659	35000	5.8	MGAL	WATER
832	30000	1000	EACH	EROSION CONTROL

ELEVATION VIEW



CANTILEVER SIGN  
TC-16.22 DESIGN NO. 14  
STA. 98+90, 47.63' LT



CALCULATED  
GTF  
CHECKED  
PMM  
SCALE IN FEET  
HORIZONTAL  
10  
20  
40

TRAFFIC CONTROL  
PAVEMENT MARKING PLAN

GRE- 35 / 835  
/ 2.65 / 2.47  
PID No. 102792



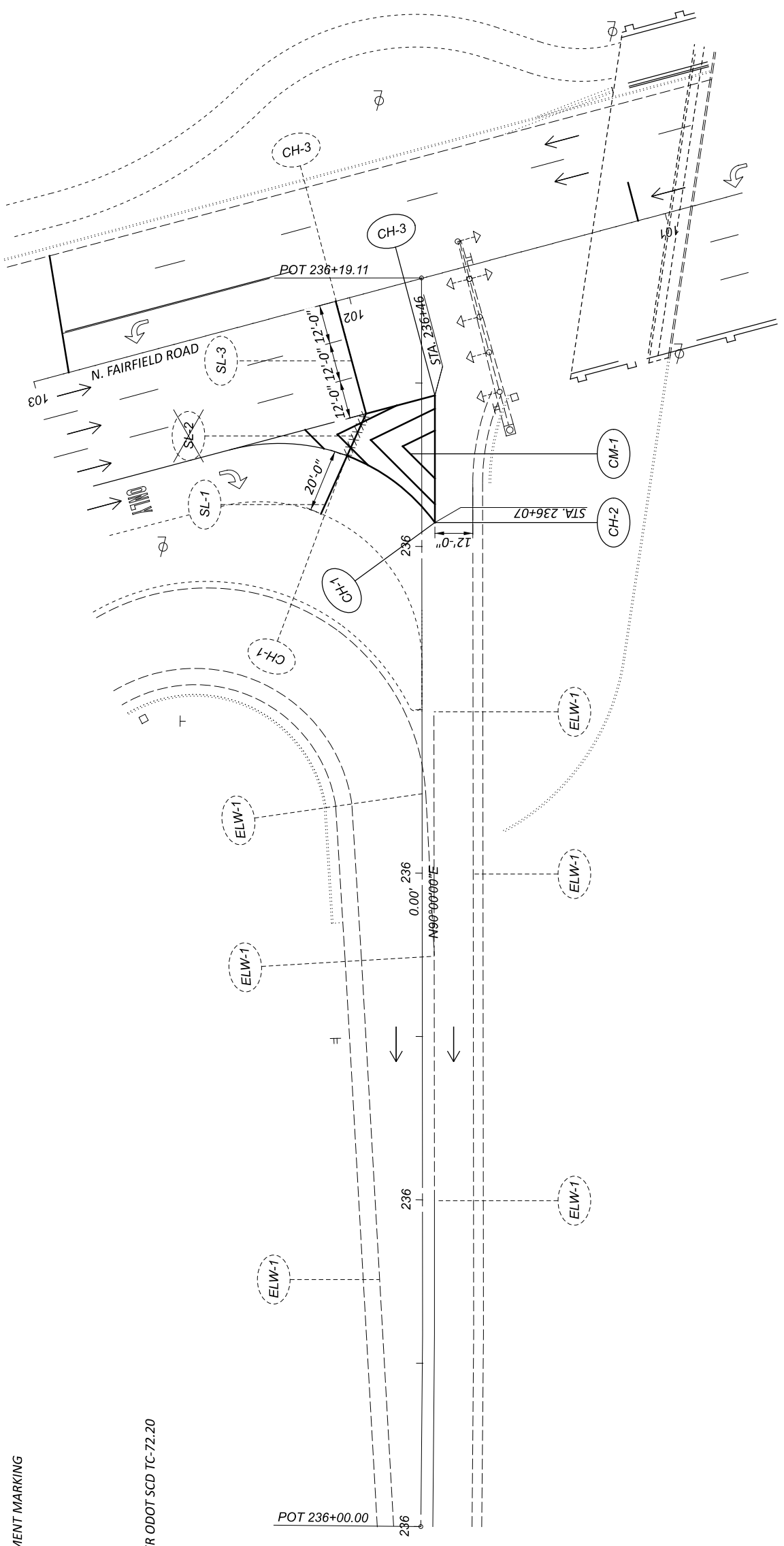
PAVEMENT MARKING LEGEND

- (CH) EXISTING CHANNELIZING LINE, 12"
- (ELW) EXISTING EDGE LINE, 6" (WHITE)
- (ELY) EXISTING EDGE LINE, 6" (YELLOW)
- (LL) EXISTING EDGE LINE, 6" (YELLOW)

- (CM) ITEM 644 - CHEVRON MARKING, WHITE, 24"
- (CH) ITEM 644 - CHANNELIZING LINE, WHITE, 12"
- (XX) ITEM 644 - REMOVAL OF PAVEMENT MARKING
- (XXX) ITEM 644 - REMOVAL OF PAVEMENT MARKING

NOTES:

- 1) INSTALL PAVEMENT MARKINGS PER ODOT SCD TC-72.20



ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION
644	00404	95	FT	CHANNELIZING LINE, 12"
644	00720	120	FT	CHEVRON MARKING
644	30000	15	FT	REMOVAL OF PAVEMENT MARKING