



SECTION BEGINS  
STA 774+91

SECTION ENDS  
STA 775+20

IMPROVEMENT BEGINS  
STA 774+65

IMPROVEMENT ENDS  
STA 775+45

EXISTING R.O.W.

CONSTRUCTION LIMITS

SAVE TREE

IL RTE 251

IL RTE 251

EXISTING R.O.W.

6'x3' BOX CULVERT TO BE REMOVED

TEMP EASE

CLASS C PATCHES, TYPE IV, 10"

STA. 775+00 & 775+07 CULVERTS, TYPE I,  
REINFORCED CONCRETE ARCH EQUIVALENT ROUND  
SIZE 36" WITH PRECAST REINFORCED CONCRETE  
FLARED END SECTIONS, ARCH EQUIVALENT ROUND SIZE 36"

Drainage Area = Unable to be Determined

Existing Low Grade Elevation:	774.05	ft. @	778+44
Proposed Low Grade Elevation:	774.05	ft. @	778+44
Discharge (cfs)	HWE under Inlet Control	HWE under Outlet Control	
15	770.97	770.89	771.95
30	771.55	771.37	772.07
60	772.48	772.20	772.55
103 (Existing Overtopping)	774.05	774.05	774.05
116 (Proposed Overtopping)	774.05	774.05	774.05
15cfs Velocity through Existing Culvert =	4.3	fps	
15cfs Velocity through Proposed Culvert =	5.8	fps	

**EROSION CONTROL LEGEND**

	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER

PLAN

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

SURVEYED: \_\_\_\_\_

PLOTTED: \_\_\_\_\_

CHECKED: \_\_\_\_\_

NO. OF WAY CHECKED: \_\_\_\_\_

NOTE BOOK NO.: \_\_\_\_\_

CADD FILE NAME: \_\_\_\_\_

PROFILE

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

SURVEYED: \_\_\_\_\_

PLOTTED: \_\_\_\_\_

CHECKED: \_\_\_\_\_

NO. OF WAY CHECKED: \_\_\_\_\_

NOTE BOOK NO.: \_\_\_\_\_

STRUCTURE NOTATIONS CHFD: \_\_\_\_\_

