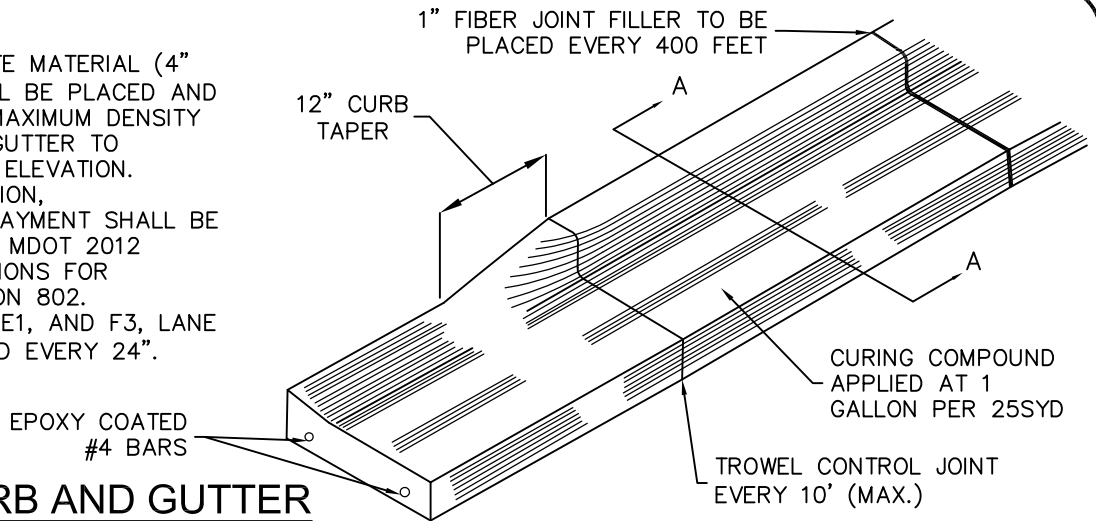
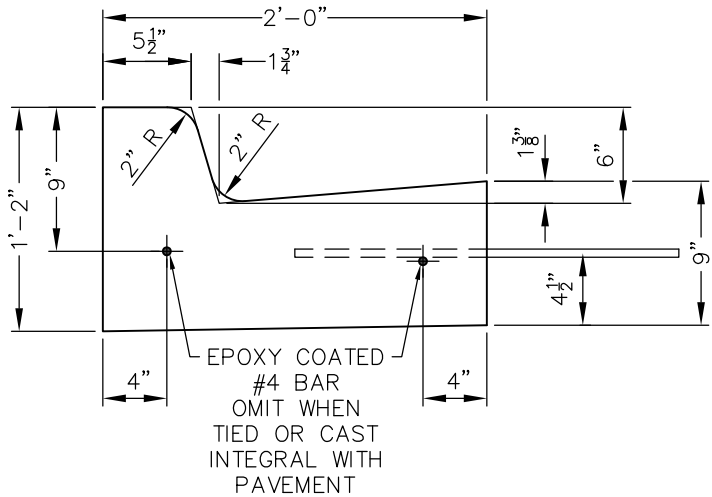


NOTES:

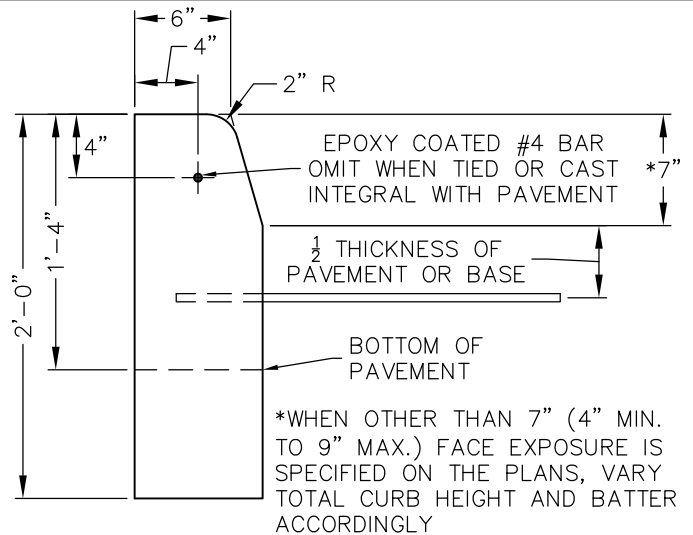
- MDOT 21AA AGGREGATE MATERIAL (4" MINIMUM, C.I.P.) SHALL BE PLACED AND COMPACTED TO 95% MAXIMUM DENSITY BENEATH CURB AND GUTTER TO ACHIEVE THE PROPER ELEVATION.
- MATERIAL, CONSTRUCTION, MEASUREMENT, AND PAYMENT SHALL BE CONSISTENT WITH THE MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 802.
- FOR CURB TYPES B1, E1, AND F3, LANE TIES SHALL BE PLACED EVERY 24".



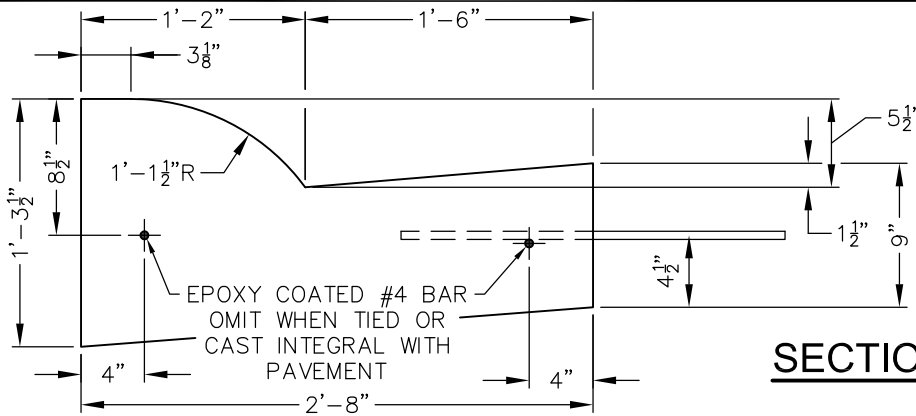
CONCRETE CURB AND GUTTER



SECTION A-A - MDOT F3 & F4
(F4 - LANE TIES OMITTED)



SECTION A-A - MDOT E1 & E2
(E2 - LANE TIES OMITTED)



SECTION A-A - MDOT B1 & B2
(B2 - LANE TIES OMITTED)

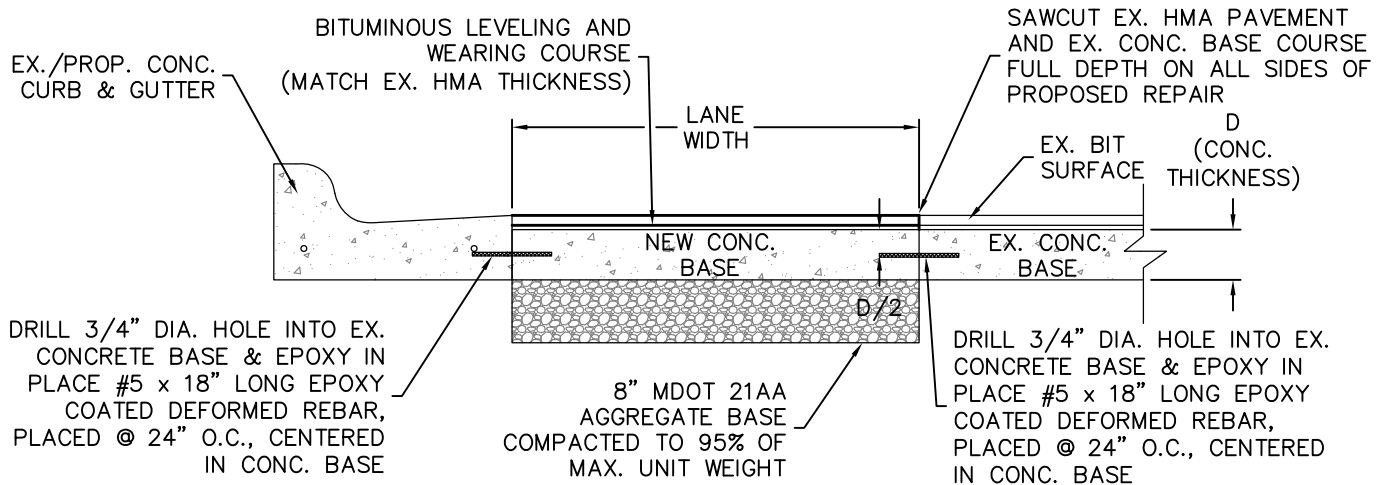
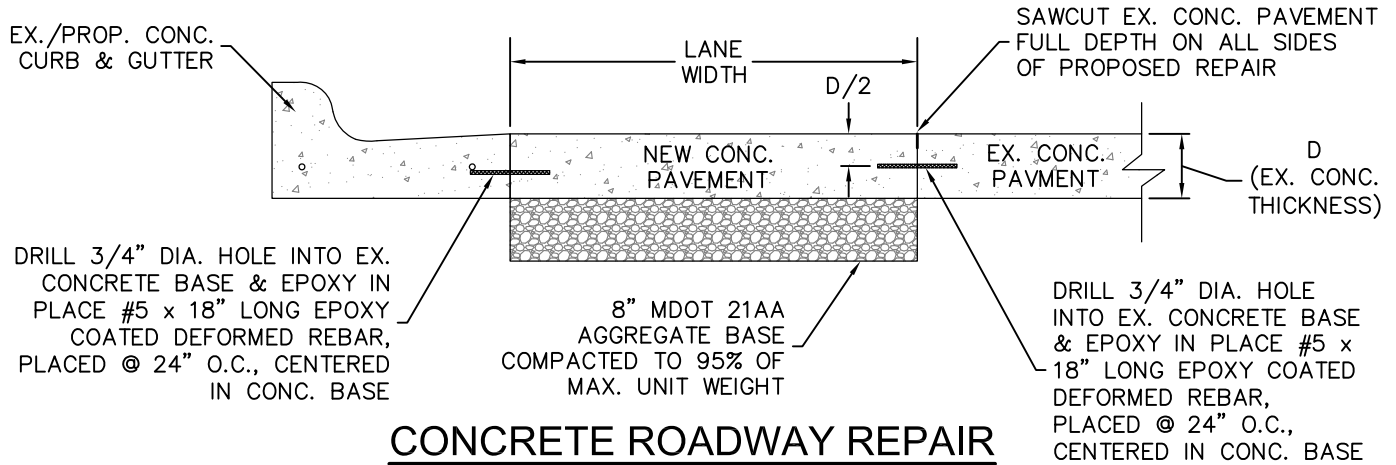
© 2014
CITY OF EAST LANSING

CITY OF EAST LANSING

DEPARTMENT OF ENGINEERING
410 ABBOT ROAD
EAST LANSING, MI 48823
(517) 337-9459 FAX: (517) 337-3943



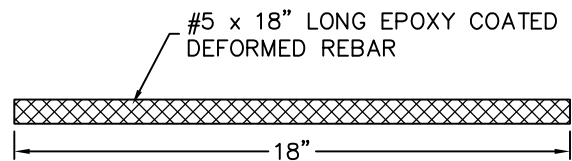
PROJECT		STANDARD DETAILS		REVISION	ENG. REVIEW
SHEET NAME		CONCRETE CURB & GUTTER DETAILS		DATE	03/01/16
DRAWN	CJM	CHECKED	RFS	APPROVED	RFS
DATE	02/20/14	DATE	03/14/14	DATE	03/14/14
				SCALE	NONE
				SHEET NO.	1 OF 1



NOTE:
 PLACEMENT OF PROPOSED HMA PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 501.03 OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION. MIX TYPE AND APPLICATION RATE SHALL BE APPROVED BY THE ENGINEER. HMA PAVEMENT SHALL BE APPLIED AS SHOWN IN TABLE 501-4, "HMA APPLICATION RATES", AS CONTAINED IN SECTION 501.03 OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.

CONCRETE ROADWAY REPAIR W/ HMA OVERLAY

- NOTES:
1. MATERIAL, CONSTRUCTION, MEASUREMENT, AND PAYMENT SHALL BE CONSISTENT WITH THE MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 802.
 2. LANE TIES SHALL BE PLACED EVERY 24".

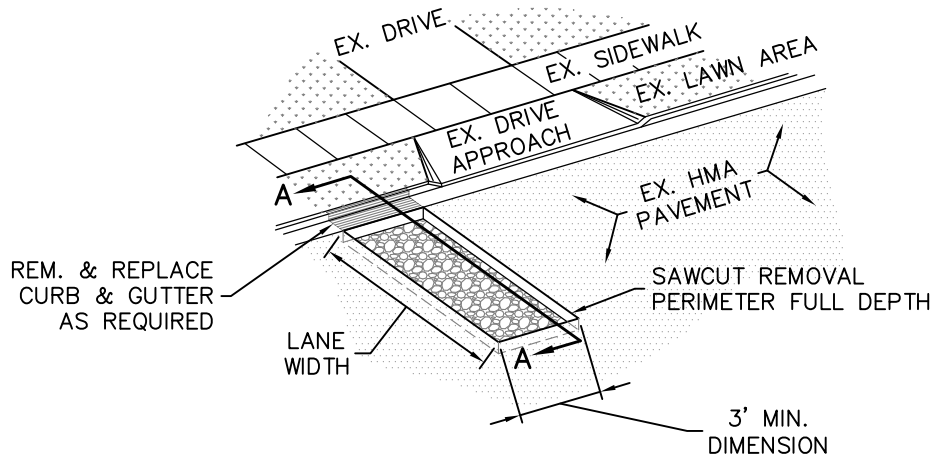


EPOXY COATED DEFORMED REBAR

© 2014 CITY OF EAST LANSING

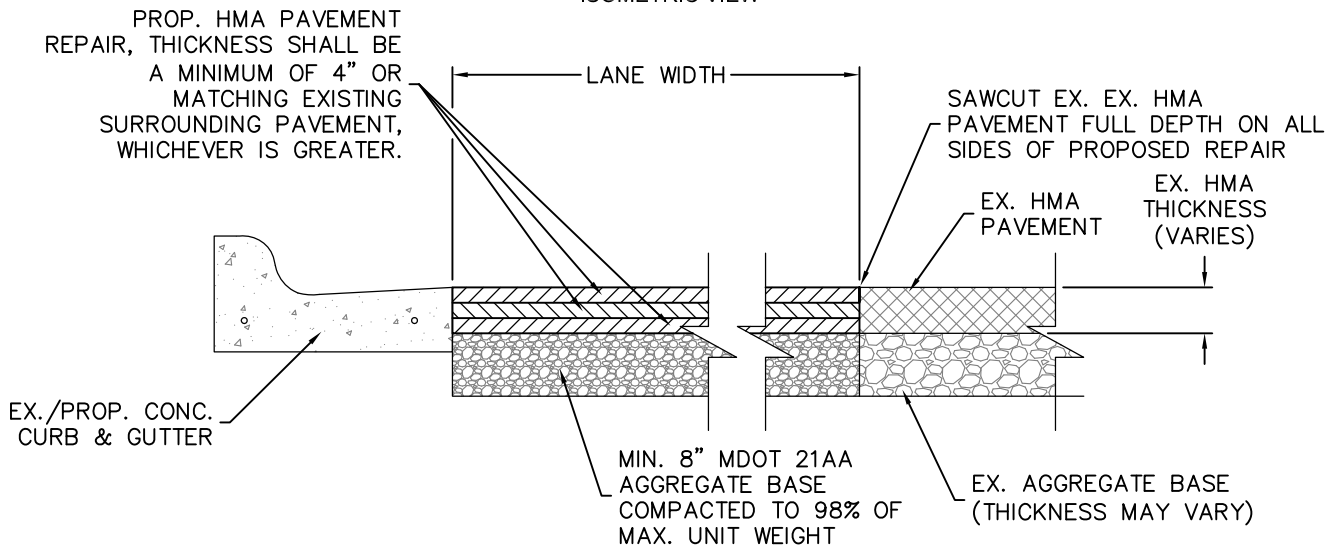
CITY OF EAST LANSING
 DEPARTMENT OF ENGINEERING
 410 ABBOT ROAD
 EAST LANSING, MI 48823
 (517) 337-9459 FAX: (517) 337-3943

PROJECT STANDARD DETAILS			REVISION ENG. REVIEW
SHEET NAME CONCRETE ROADWAY REPAIR			DATE 03/01/16
DRAWN CJM	CHECKED RFS	APPROVED RFS	SCALE NONE
DATE 02/20/14	DATE 03/14/14	DATE 03/14/14	SHEET NO. 1 OF 1



HOT-MIX ASPHALT ROADWAY REPAIR

ISOMETRIC VIEW



HOT-MIX ASPHALT ROADWAY REPAIR

SECTION A-A

NOTES:

1. NO TUNNELING OF EXISTING PAVEMENT/CURB & GUTTER/SIDEWALK/DRIVE APPROACHES WILL BE ALLOWED.
2. PLACEMENT OF PROPOSED HMA PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 501.03 OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION. MIX TYPE AND APPLICATION RATE SHALL BE APPROVED BY THE ENGINEER. HMA PAVEMENT SHALL BE APPLIED AS SHOWN IN TABLE 501-4, "HMA APPLICATION RATES", AS CONTAINED IN SECTION 501.03 OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
3. MATERIAL, CONSTRUCTION, MEASUREMENT, AND PAYMENT SHALL BE CONSISTENT WITH THE MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 802.

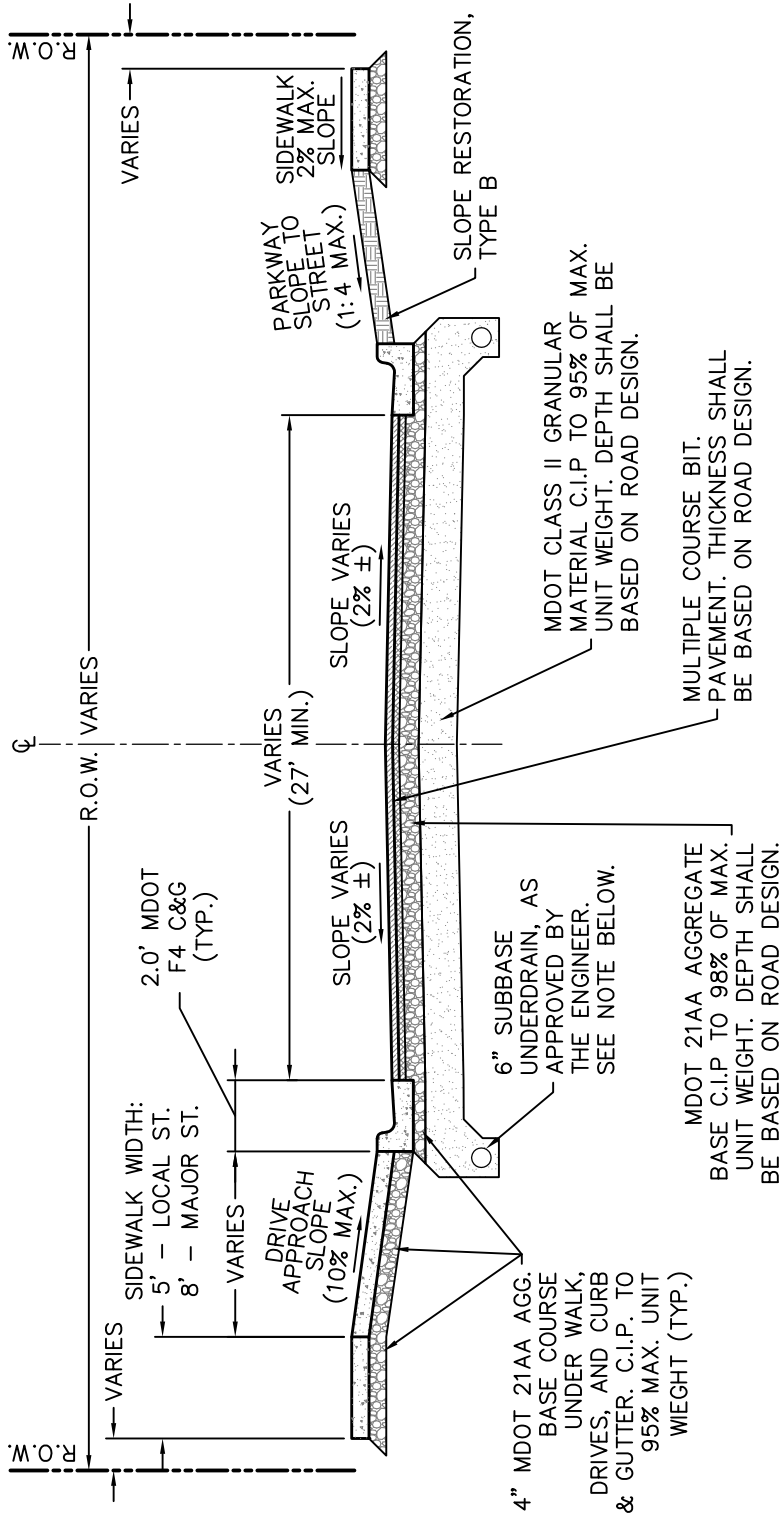
	CITY OF EAST LANSING		PROJECT STANDARD DETAILS		REVISION ENG. REVIEW
	DEPARTMENT OF ENGINEERING 410 ABBOT ROAD EAST LANSING, MI 48823 (517) 337-9459 FAX: (517) 337-3943		SHEET NAME HOT-MIX ASPHALT ROADWAY REPAIR		DATE 03/01/16
	DRAWN CJM	CHECKED RFS	APPROVED RFS		SCALE NONE
	DATE 02/20/14	DATE 03/14/14	DATE 03/14/14	SHEET NO. 1 OF 1	
	CITY OF EAST LANSING		CITY OF EAST LANSING		

CITY OF EAST LANSING

DEPARTMENT OF ENGINEERING
410 ABBOT ROAD
EAST LANSING, MI 48823
(517) 337-9459 FAX: (517) 337-3943



PROJECT STANDARD DETAILS			REVISION ENG. REVIEW
SHEET NAME TYPICAL CROSS SECTION DETAIL			DATE 03/01/16
DRAWN CJM	CHECKED RFS	APPROVED RFS	SCALE NONE
DATE 02/20/14	DATE 03/14/14	DATE 03/14/14	SHEET NO. 1 OF 1



NOTES:

1. MATERIAL, CONSTRUCTION, MEASUREMENT, AND PAYMENT SHALL BE CONSISTENT WITH THE MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 802.
2. PAVEMENT DESIGN, INCLUDING BUT NOT LIMITED TO HMA (TYPE & THICKNESS), AGGREGATE BASE (TYPE AND THICKNESS), AND SAND SUBBASE (THICKNESS), SHALL BE APPROVED BY THE CITY OF EAST LANSING ENGINEERING DEPARTMENT PRIOR TO CONSTRUCTION.
3. PLACEMENT OF PROPOSED HMA PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 501.03 OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION. MIX TYPE AND APPLICATION RATE SHALL BE APPROVED BY THE ENGINEER. HMA PAVEMENT SHALL BE APPLIED AS SHOWN IN TABLE 501-4, "HMA APPLICATION RATES," AS CONTAINED IN SECTION 501.03 OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
4. SUBBASE UNDER-DRAIN SHALL BE INSTALLED ON ALL NEW PUBLIC STREETS. UNDER-DRAIN SYSTEM DESIGN SHALL BE SUBMITTED TO THE CITY OF EAST LANSING ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.

TYPICAL CROSS SECTION