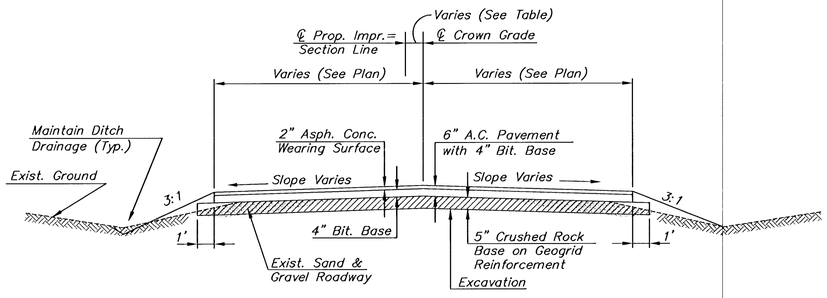
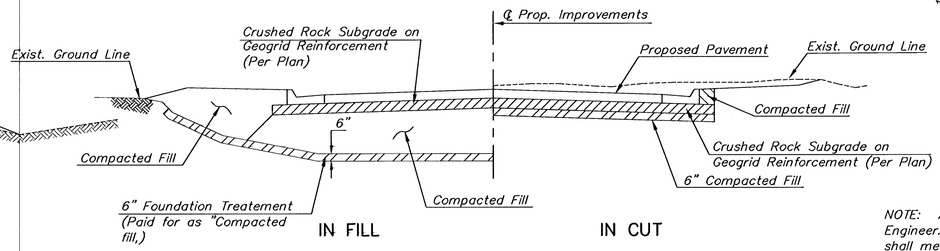


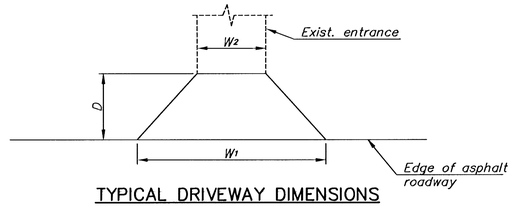
TYPICAL SECTION
Sta. 27+33.29 to Sta. 47+80.00



TYPICAL SECTION
Sta. 47+80.00 to Sta. 49+88.33

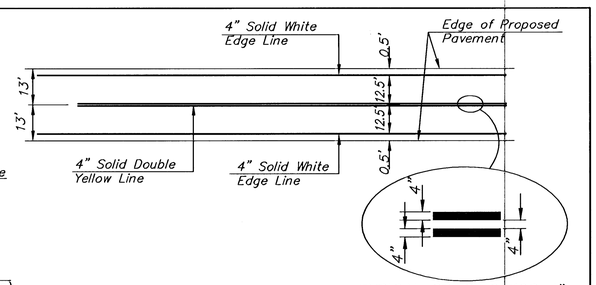


FOUNDATION TREATMENT AND COMPACTION OF EARTHWORK



TYPICAL DRIVEWAY DIMENSIONS

Aggregate Surfacing (AB-3) or Asphalt Pavement as specified on the plan sheets



TYPICAL SPACING FOR 4" DOUBLE YELLOW LINE

PAVEMENT MARKING DETAIL

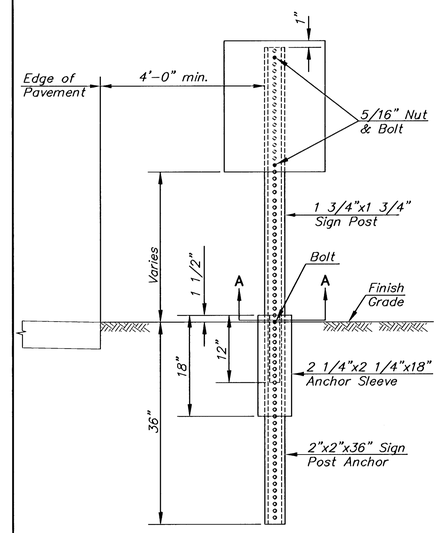
NOTE: All pavement markings shall be thermoplastic, unless otherwise approved by the Engineer. Pavement markings shall be installed per manufacturer's recommendations and shall meet KDOT's 90M-100-R10 specification (City Standard Specifications). Full traffic may not be restored (and substantial project completion achieved) until all pavement markings are in place. Should construction timing be such that restoration of traffic becomes necessary during temperatures prohibiting the installation of thermoplastic markings, the contractor shall install and maintain temporary markings until such time that thermoplastic markings may be properly installed. Except for the material requirement, temporary pavement markings shall be placed equivalent, in every manner (i.e. dimension, frequency, spacing, etc.), to the permanent marking layout. The cost for temporary pavement markings will not be paid for directly, but shall be considered subsidiary to the bid item for "Pavement Markings".

SUMMARY OF QUANTITIES (FOR INFORMATION ONLY)

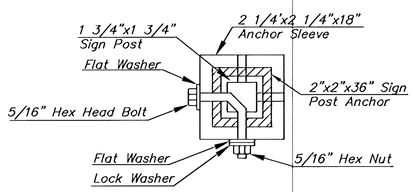
ITEMS	QUANTITY	UNIT
Pavement Marking (Thermoplastic)(White)(4")	4,535	L.F.
Pavement Marking (Thermoplastic)(Yellow)(4")	4,511	L.F.

RECAPITULATION OF QUANTITIES

BID ITEM	QUANTITY	UNIT
Pavement Marking	Lump Sum	L.S.



SECTION



SECTION A-A

GROUND INSTALLATION SEQUENCE

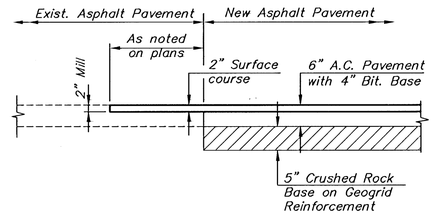
1. Sign post anchor driven into the ground.
2. Anchor sleeve driven into the ground over the sign post anchor.
3. Insert sign post into the sign post anchor and bolt in place.

Note: In all installations the first hole above the finished grade level in all three units must be in line for insertion of the bolt.

All bolts and nuts for fastening the signs and sign post assembly shall comply with section 1614 and all washers shall comply with section 1614 of the Standard Specification for State Road and Bridge Construction (1990 Edition) and shall be subsidiary item.

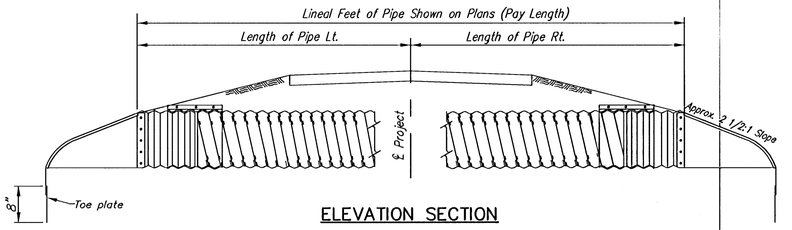
All letter, number, & symbol sizes, spacing, & colors and the sign colors shall conform to the current "Manual on Uniform Traffic Cntrol Devices." All sign material to be 0.080" aluminum.

TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION
BREAK-AWAY SIGN POST DETAIL



ASPHALT TIE IN DETAIL

Sta. 27+27.20 to Sta. 27+33.29
Sta. 49+88.33 to Sta. 49+92.33



ELEVATION SECTION

PIPE CULVERT SUMMARY

Station/Offset	Type	Size or Bid Designation Sq. Ft.	Flow Line		Degree of Rotation	Length of Pipe		Lin. Ft. of Pipe
			South	North		South	North	
35+01.4 Rt.	CMP	12" E.P.	227.05	226.55	0°	13.0'	25.0'	38.0'
36+23.6 Lt.	CMP	15" E.P.	222.79	221.89	0°	10.0'	10.0'	20.0'
36+74.5 Rt.	CMP	12" E.P.	221.23	219.70	0°	19.0'	19.0'	38.0'

1. Pipe and end sections shall be a min. of 16 gauge.
2. Connection of end sections by welding will not be permitted.
3. All references to galvanized metal refer to steel only.
4. Gain in pipe length due to fit of pipe at connecting band shall not be paid for.

HORIZONTAL ALIGNMENT CONTROL TABLE

STATION	OFFSET	DESCRIPTION	NORTHING	EASTING
23+85.11	0.00' Rt.	W 1/4 Cor. Sec. 26, T27S, R2W	N 10000.0000	E 10000.0000
27+33.23	3.61' Rt.	P.I. ℄ Crown Grade	N 10348.1169	E 10003.6063
30+02.51	30.00 Rt.	1/2" Pipe	N 10617.3990	E 10030.0040
34+43.70	29.99 Rt.	5/8" Bar and Cap	N 11058.5890	E 10029.9900
37+28.74	30.11 Rt.	1/2" SRB	N 11343.6260	E 10030.1110
37+49.90	7.03 Rt.	P.I. ℄ Crown Grade	N 11364.7813	E 10007.0323
44+49.92	0.00 Rt.	P.I. ℄ Crown Grade	N 12064.8046	E 10000.0005
45+82.13	18.39 Lt.	Nail	N 12197.0130	E 9981.6130
50+00.00	0.00 Rt.	NW Cor. Sec. 26, T27S, R2W	N 12614.8850	E 10000.0000

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MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

151ST STREET WEST IMPROVEMENTS
1/2 MILE NORTH OF KELLOGG TO MAPLE
PROJECT NAME

TYPICAL SECTION, MISCELLANEOUS DETAILS
SHEET TITLE

JRA	DPG	JRA
DESIGN BY:	DRAWN BY:	CHECKED BY:
MAY 2006	05746	2 / 18
DATE	JOB NO.	SHEET/OF