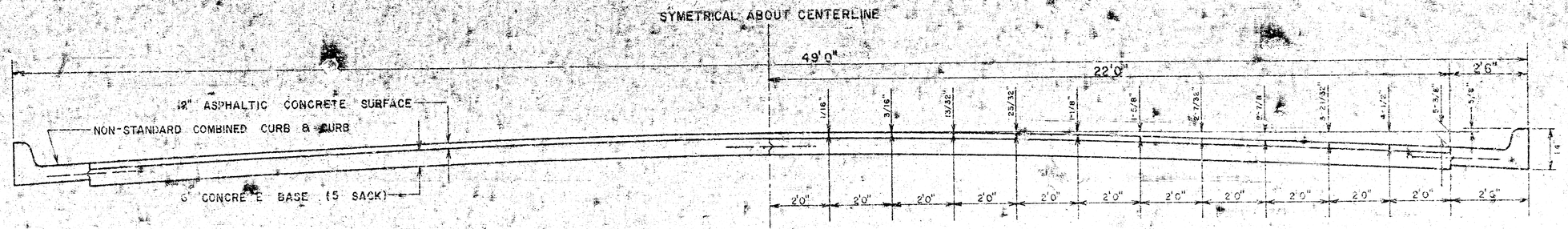
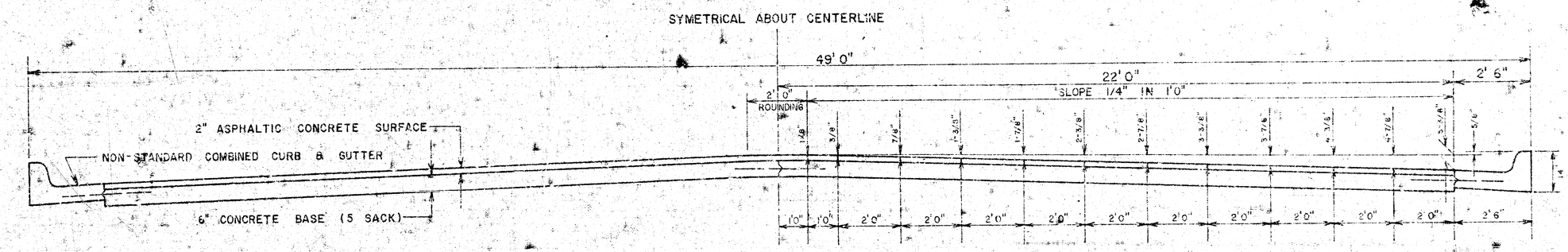
PAWNEE AVENUE

E.L. ROCK ROAD TO S.L. CHERRY CREEK DRIVE

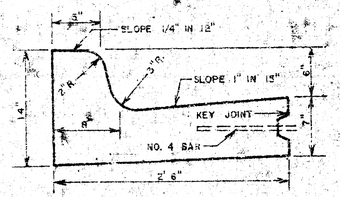
PROJ. NO. DAKM 573041
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER



TYPICAL SECTION WITH STANDARD CROWN
48' 0" ASPHALTIC CONCRETE PAVEMENT



TYPICAL SECTION WITH ALTERNATE CROWN
48' 0" ASPHALTIC CONCRETE PAVEMENT

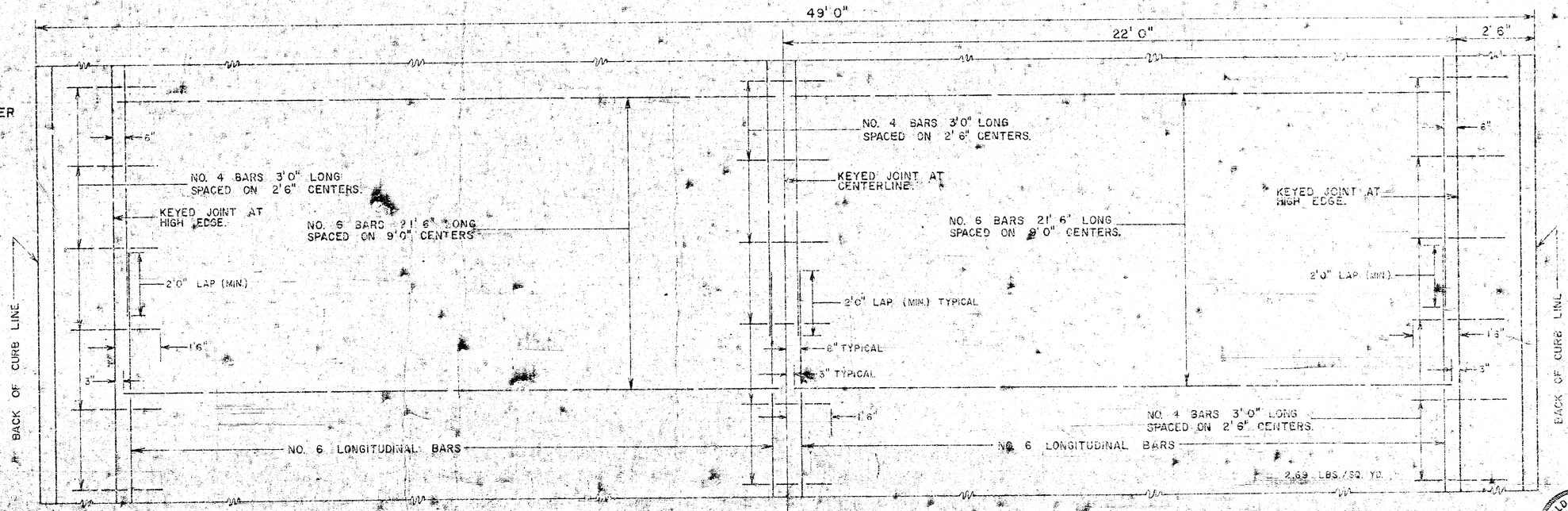


DETAIL OF NON-STANDARD
COMBINED CURB & GUTTER

GENERAL NOTES

CONTRACTION JOINTS MAY BE CONSTRUCTED IN COMBINED CURB AND GUTTER BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND 2-1/2" BELOW THE SURFACE OF THE GUTTER AND CURB. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10' AND BE FILLED WITH A SPECIFIED JOINT FILLER, SUCH THAT THE JOINT IN THE GUTTER SECTION WILL BE COMPLETELY FILLED.

PAVEMENT GRADES SHOWN ON PLANS ARE FOR STANDARD CROWN.



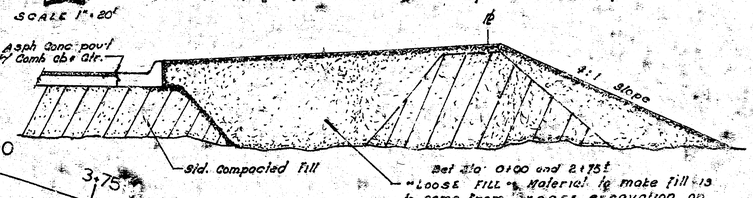
TYPICAL STEEL PATTERN
48' 0" ASPHALTIC CONCRETE PAVEMENT

DONALD E. SCHWEITZ
LICENSED PROFESSIONAL ENGINEER

B.M. - 1685.7' "X" in pavement @ ROCK ROAD and @ PAWNEE West

B.M. - 1982.2' R.R. Spike in E. side power pole 30' north of intersection of @ OAK KNOLL and Gray Co. driveway.

SCALE 1" = 20'



Sta No. 0+00 and 2+75 "Loose FILL" Material to make fill is to come from excess excavation on proj DAKM 573002 Streets in CHERRY CREEK HILLS ADD. The construction will be considered incidental to earthwork on proj.

CURVE DATA IS BASED ON @ RADIUS = 777.67'
Δ = 62° 50' 02.210286 min/ft arc Lc 852.63'

STATION	ARC	CHORD d'off ME. cb	LENGTHS d'off St w. cb	DEFLECTION	TOTAL DEFLECTION
P.C. 1+40					0° 00' 00"
+50	10.00'	10.41'	9.58'	0° 22' 06"	0° 22' 06"
+75	25.00'	26.02'	23.97'	0° 55' 16"	1° 17' 22"
2+00	"	"	"	0° 55' 15"	2° 13' 37"
+25	"	"	"	0° 55' 15"	3° 09' 52"
+50	"	"	"	0° 55' 16"	4° 05' 08"
+75	"	"	"	0° 55' 15"	5° 00' 23"
3+00	"	"	"	0° 55' 16"	5° 55' 39"
+25	"	"	"	0° 55' 15"	6° 50' 54"
+50	"	"	"	0° 55' 16"	7° 46' 10"
+75	"	"	"	0° 55' 15"	8° 41' 25"
4+00	"	"	"	0° 55' 15"	9° 36' 40"
+25	"	"	"	0° 55' 16"	10° 31' 56"
+50	"	"	"	0° 55' 15"	11° 27' 11"
+75	"	"	"	0° 55' 16"	12° 22' 27"
5+00	25.00'	26.02'	23.97'	0° 55' 15"	13° 17' 42"

curve data continued on sheet 3

EARTHWORK

EXCAVATION	COMP FILL
2,562.4 cu yds	2,046.8 Cu yds
+10% 256.2 " "	+10% 204.7 " "
2,818.6 Cu yds	2,251.5 Cu yds

"SUBGRADE"

Type of subgrade treatment shall be determined by the field engineer. Subgrade treatment may consist of Lime treatment, cement treatment, subgrade modification, or any combination of these.

NOTE TO CONTRACTOR: Co-ordinate construction of this project with other contractors having utilities crossing proposed pavement.

NOTE: Removal of signs and sign posts to be incidental to the project.

2/7

PAWNEE AVENUE

E.L. Rock Road to S.L. Cherry Creek Drive.

49' Asphaltic Conc—o—Curb & Gutter

CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER

Date Aug. 1973 Proj No. DAKM 573041

2-Engr
1-Insp

PAWNEE AVENUE

CHERRY CREEK DRIVE

p.c. - v.c.

p.i. Elev 169.80 103.08 v.c.

p.t. - v.c.

p.i. Elev 169.50 99.92' v.c.

+0.5' WK GR +0.3 3%

+0.5' WK GR +0.673%

+0.304% +0.5' WK

+0.690% +0.5' WK

R/W=50'

RAD: 827.67'

RAD: 767.67'

proposed 8' sidewalk.

proposed 8" sanitary

proposed 12" water

Access control except openings complete Access control

1 strand barb wire fence

four strand fence

1st flume

2nd flume

3rd flume

4th flume

5th flume

6th flume

7th flume

8th flume

9th flume

10th flume

11th flume

12th flume

13th flume

14th flume

15th flume

16th flume

17th flume

18th flume

19th flume

20th flume

21st flume

22nd flume

23rd flume

24th flume

25th flume

26th flume

27th flume

28th flume

29th flume

30th flume

31st flume

32nd flume

33rd flume

34th flume

35th flume

36th flume

37th flume

38th flume

39th flume

40th flume

41st flume

42nd flume

43rd flume

44th flume

45th flume

46th flume

47th flume

48th flume

49th flume

50th flume

51st flume

52nd flume

53rd flume

54th flume

55th flume

56th flume

57th flume

58th flume

59th flume

60th flume

61st flume

62nd flume

63rd flume

64th flume

65th flume

66th flume

67th flume

68th flume

69th flume

70th flume

71st flume

72nd flume

73rd flume

74th flume

75th flume

76th flume

77th flume

78th flume

79th flume

80th flume

81st flume

82nd flume

83rd flume

84th flume

85th flume

86th flume

87th flume

88th flume

89th flume

90th flume

91st flume

92nd flume

93rd flume

94th flume

95th flume

96th flume

97th flume

98th flume

99th flume

100th flume

101st flume

102nd flume

103rd flume

104th flume

105th flume

106th flume

107th flume

108th flume

109th flume

110th flume

111th flume

112th flume

113th flume

114th flume

115th flume

116th flume

117th flume

118th flume

119th flume

120th flume

121st flume

122nd flume

123rd flume

124th flume

125th flume

126th flume

127th flume

128th flume

129th flume

130th flume

131st flume

132nd flume

133rd flume

134th flume

135th flume

136th flume

137th flume

138th flume

139th flume

140th flume

141st flume

142nd flume

143rd flume

144th flume

145th flume

146th flume

147th flume

148th flume

149th flume

150th flume

151st flume

152nd flume

153rd flume

154th flume

155th flume

156th flume

157th flume

158th flume

159th flume

160th flume

161st flume

162nd flume

163rd flume

164th flume

165th flume

166th flume

167th flume

168th flume

169th flume

170th flume

171st flume

172nd flume

173rd flume

174th flume

175th flume

176th flume

177th flume

178th flume

179th flume

180th flume

181st flume

182nd flume

183rd flume

184th flume

185th flume

186th flume

187th flume

188th flume

189th flume

190th flume

191st flume

192nd flume

193rd flume

194th flume

195th flume

196th flume

197th flume

198th flume

199th flume

200th flume

201st flume

202nd flume

203rd flume

204th flume

205th flume

206th flume

207th flume

208th flume

209th flume

210th flume

211th flume

212th flume

213th flume

214th flume

215th flume

216th flume

217th flume

218th flume

219th flume

220th flume

221st flume

222nd flume

223rd flume

224th flume

225th flume

226th flume

227th flume

228th flume

229th flume

230th flume

231st flume

232nd flume

233rd flume

234th flume

235th flume

236th flume

237th flume

238th flume

239th flume

240th flume

241st flume

242nd flume

243rd flume

244th flume

245th flume

246th flume

247th flume

248th flume

249th flume

250th flume

251st flume

252nd flume

253rd flume

254th flume

255th flume

256th flume

257th flume

258th flume

259th flume

260th flume

261st flume

262nd flume

263rd flume

264th flume

265th flume

266th flume

267th flume

268th flume

269th flume

270th flume

271st flume

272nd flume

273rd flume

274th flume

275th flume

276th flume

277th flume

278th flume

279th flume

280th flume

281st flume

282nd flume

283rd flume

284th flume

285th flume

286th flume

287th flume

288th flume

289th flume

290th flume

291st flume

292nd flume

293rd flume

294th flume

295th flume

296th flume

297th flume

298th flume

299th flume

300th flume

301st flume

302nd flume

303rd flume

304th flume

305th flume

306th flume

307th flume

308th flume

309th flume

310th flume

311th flume

312th flume

313th flume

314th flume

315th flume

316th flume

317th flume

318th flume

319th flume

320th flume

321st flume

322nd flume

323rd flume

324th flume

325th flume

326th flume

327th flume

328th flume

329th flume

330th flume

331st flume

332nd flume

333rd flume

334th flume

335th flume

336th flume

337th flume

338th flume

339th flume

340th flume

341st flume

342nd flume

343rd flume

344th flume

345th flume

346th flume

347th flume

348th flume

349th flume

350th flume

351st flume

352nd flume

353rd flume

354th flume

355th flume

356th flume

357th flume

358th flume

359th flume

360th flume

361st flume

362nd flume

363rd flume

364th flume

365th flume

366th flume

367th flume

368th flume

369th flume

370th flume

371st flume

372nd flume

373rd flume

374th flume

375th flume

376th flume

377th flume

378th flume

379th flume

380th flume

381st flume

382nd flume

383rd flume

384th flume

385th flume

386th flume

387th flume

388th flume

389th flume

390th flume

391st flume

392nd flume

393rd flume

394th flume

395th flume

396th flume

397th flume

398th flume

399th flume

400th flume

401st flume

402nd flume

403rd flume

404th flume

405th flume

406th flume

407th flume

408th flume

409th flume

410th flume

411th flume

412th flume

413th flume

414th flume

415th flume

416th flume

417th flume

418th flume

419th flume

420th flume

421st flume

422nd flume

423rd flume

424th flume

425th flume

426th flume

427th flume

428th flume

429th flume

430th flume

431st flume

432nd flume

433rd flume

434th flume

435th flume

436th flume

437th flume

438th flume

439th flume

440th flume

441st flume

442nd flume

443rd flume

444th flume

445th flume

446th flume

447th flume

448th flume

449th flume

450th flume

451st flume

452nd flume

453rd flume

454th flume

455th flume

456th flume

457th flume

458th flume

459th flume

460th flume

461st flume

462nd flume

463rd flume

464th flume

465th flume

466th flume

467th flume

468th flume

469th flume

470th flume

471st flume

472nd flume

473rd flume

474th flume

475th flume

476th flume

477th flume

478th flume

479th flume

480th flume

481st flume

482nd flume

483rd flume

484th flume

485th flume

486th flume

487th flume

488th flume

489th flume

490th flume

491st flume

492nd flume

493rd flume

494th flume

495th flume

496th flume

497th flume

498th flume

499th flume

500th flume

501st flume

502nd flume

503rd flume

504th flume

505th flume

506th flume

507th flume

508th flume

509th flume

510th flume

511th flume

512th flume

513th flume

514th flume

515th flume

516th flume

517th flume

518th flume

519th flume

520th flume

521st flume

522nd flume

523rd flume

524th flume

525th flume

526th flume

527th flume

528th flume

529th flume

530th flume

531st flume

532nd flume

533rd flume

534th flume

535th flume

536th flume

537th flume

538th flume

539th flume

540th flume

541st flume

542nd flume

543rd flume

544th flume

545th flume

546th flume

547th flume

548th flume

549th flume

550th flume

551st flume

552nd flume

553rd flume

554th flume

555th flume

556th flume

557th flume

558th flume

559th flume

560th flume

561st flume

562nd flume

563rd flume

564th flume

565th flume

566th flume

567th flume

568th flume

569th flume

570th flume

571st flume

572nd flume

573rd flume

574th flume

575th flume

576th flume

577th flume

578th flume

579th flume

580th flume

581st flume

582nd flume

583rd flume

584th flume

585th flume

586th flume

587th flume

588th flume

589th flume

590th flume

591st flume

592nd flume

593rd flume

594th flume

595th flume

596th flume

597th flume

598th flume

599th flume

600th flume

601st flume

602nd flume

603rd flume

604th flume

605th flume

606th flume

607th flume

608th flume

609th flume

610th flume

611th flume

612th flume

613th flume

614th flume

615th flume

616th flume

617th flume

618th flume

619th flume

620th flume

621st flume

622nd flume

623rd flume

624th flume

625th flume

626th flume

627th flume

628th flume

629th flume

630th flume

631st flume

632nd flume

633rd flume

634th flume

635th flume

636th flume

637th flume

638th flume

639th flume

640th flume

641st flume

642nd flume

643rd flume

644th flume

645th flume

646th flume

647th flume

648th flume

649th flume

650th flume

651st flume

652nd flume

653rd flume

654th flume

655th flume

656th flume

657th flume

658th flume

659th flume

660th flume

661st flume

662nd flume

663rd flume

664th flume

665th flume

666th flume

667th flume

668th flume

669th flume

670th flume

671st flume

672nd flume

673rd flume

674th flume

675th flume

676th flume

677th flume

678th flume

679th flume

680th flume

681st flume

682nd flume

683rd flume

684th flume

685th flume

686th flume

687th flume

688th flume

689th flume

690th flume

691st flume

692nd flume

693rd flume

694th flume

695th flume

696th flume

697th flume

698th flume

699th flume

700th flume

701st flume

702nd flume

703rd flume

704th flume

705th flume

706th flume

707th flume

708th flume

709th flume

710th flume

711th flume

712th flume

713th flume

714th flume

715th flume

716th flume

717th flume

718th flume

719th flume

720th flume

721st flume

722nd flume

723rd flume

724th flume

725th flume

726th flume

727th flume

728th flume

729th flume

730th flume

731st flume

732nd flume

733rd flume

734th flume

735th flume

736th flume

737th flume

738th flume

739th flume

740th flume

741st flume

742nd flume

743rd flume

744th flume

745th flume

746th flume

747th flume

748th flume

749th flume

750th flume

751st flume

752nd flume

753rd flume

754th flume

755th flume

756th flume

757th flume

758th flume

759th flume

760th flume

761st flume

762nd flume

763rd flume

764th flume

765th flume

766th flume

767th flume

768th flume

769th flume

770th flume

771st flume

772nd flume

773rd flume

774th flume

775th flume

776th flume

777th flume

778th flume

779th flume

780th flume

781st flume

782nd flume

783rd flume

784th flume

785th flume

786th flume

787th flume

788th flume

789th flume

790th flume

791st flume

792nd flume

793rd flume

794th flume

795th flume

796th flume

797th flume

798th flume

799th flume

800th flume

801st flume

802nd flume

803rd flume

804th flume

805th flume

806th flume

807th flume

808th flume

809th flume

810th flume

811th flume

812th flume

813th flume

814th flume

815th flume

816th flume

817th flume

818th flume

819th flume

820th flume

821st flume

822nd flume

823rd flume

824th flume

825th flume

826th flume

827th flume

828th flume

829th flume

830th flume

831st flume

832nd flume

833rd flume

834th flume

835th flume

836th flume

837th flume

838th flume

839th flume

840th flume

841st flume

842nd flume

843rd flume

844th flume

845th flume

846th flume

847th flume

848th flume

849th flume

850th flume

851st flume

852nd flume

853rd flume

854th flume

855th flume

856th flume

857th flume

858th flume

859th flume

860th flume

861st flume

862nd flume

863rd flume

864th flume

865th flume

866th flume

867th flume

868th flume

869th flume

870th flume

871st flume

872nd flume

873rd flume

874th flume

875th flume

876th flume

877th flume

878th flume

879th flume

880th flume

881st flume

882nd flume

883rd flume

884th flume

885th flume

886th flume

887th flume

888th flume

889th flume

890th flume

891st flume

892nd flume

893rd flume

894th flume

895th flume

896th flume

897th flume

898th flume

899th flume

900th flume

901st flume

902nd flume

903rd flume

904th flume

905th flume

906th flume

907th flume

908th flume

909th flume

910th flume

911th flume

912th flume

913th flume

914th flume

915th flume

916th flume

917th flume

918th flume

919th flume

920th flume

921st flume

922nd flume

923rd flume

924th flume

925th flume

926th flume

927th flume

928th flume

929th flume

930th flume

931st flume

932nd flume

933rd flume

934th flume

935th flume

936th flume

937th flume

938th flume

939th flume

940th flume

941st flume

942nd flume

943rd flume

944th flume

945th flume

946th flume

947th flume

948th flume

949th flume

950th flume

951st flume

952nd flume

953rd flume

954th flume

955th flume

956th flume

957th flume

958th flume

959th flume

960th flume

961st flume

962nd flume

963rd flume

964th flume

965th flume

966th flume

967th flume

968th flume

969th flume

970th flume

971st flume

972nd flume

973rd flume

974th flume

975th flume

976th flume

977th flume

978th flume

979th flume

980th flume

981st flume

982nd flume

983rd flume

984th flume

985th flume

986th flume

987th flume

988th flume

989th flume

990th flume

991st flume

992nd flume

993rd flume

994th flume

995th flume

996th flume

997th flume

998th flume

999th flume

1000th flume

1001st flume

1002nd flume

1003rd flume

1004th flume

1005th flume

1006th flume

1007th flume

1008th flume

1009th flume

1010th flume

1011th flume

1012th flume

1013th flume

1014th flume

1015th flume

1016th flume

1017th flume

1018th flume

1019th flume

1020th flume

1021st flume

1022nd flume

1023rd flume

1024th flume

1025th flume

1026th flume

1027th flume

1028th flume

1029th flume

1030th flume

1031st flume

1032nd flume

1033rd flume

1034th flume

1035th flume

1036th flume

1037th flume

1038th flume

1039th flume

1040th flume

1041st flume

1042nd flume

1043rd flume

1044th flume

1045th flume

1046th flume

1047th flume

1048th flume

1049th flume

1050th flume

1051st flume

1052nd flume

1053rd flume

1054th flume

1055th flume

1056th flume

1057th flume

1058th flume

1059th flume

1060th flume

1061st flume

1062nd flume

1063rd flume

1064th flume

1065th flume

1066th flume

1067th flume

1068th flume

1069th flume

1070th flume

1071st flume

1072nd flume

1073rd flume

1074th flume

1075th flume

1076th flume

1077th flume

1078th flume

1079th flume

1080th flume

1081st flume

1082nd flume

1083rd flume

1084th flume

1085th flume

1086th flume

1087th flume

1088th flume

1089th flume

1090th flume

1091st flume

1092nd flume

1093rd flume

1094th flume

1095th flume

1096th flume

1097th flume

1098th flume

1099th flume

1100th flume

1101st flume

1102nd flume

1103rd flume

1104th flume

1105th flume

1106th flume

1107th flume

1108th flume

1109th flume

1110th flume

1111th flume

1112th flume

1113th flume

1114th flume

1115th flume

1116th flume

1117th flume

1118th flume

1119th flume

1120th flume

1121st flume

1122nd flume

1123rd flume

1124th flume

1125th flume

1126th flume

1127th flume

1128th flume

1129th flume

1130th flume

1131st flume

1132nd flume

1133rd flume

1134th flume

1135th flume

1136th flume

1137th flume

1138th flume

1139th flume

1140th flume

1141st flume

1142nd flume

1143rd flume

1144th flume

1145th flume

1146th flume

1147th flume

1148th flume

1149th flume

1150th flume

1151st flume

1152nd flume

1153rd flume

1154th flume

1155th flume

1156th flume

1157th flume

1158th flume

1159th flume

1160th flume

1161st flume

1162nd flume

1163rd flume

1164th flume

1165th flume

1166th flume

1167th flume

1168th flume

1169th flume

1170th flume

1171st flume

1172nd flume

1173rd flume

1174th flume

1175th flume

1176th flume

1177th flume

1178th flume

1179th flume

1180th flume

1181st flume

1182nd flume

1183rd flume

1184th flume

1185th flume

1186th flume

1187th flume

1188th flume

1189th flume

1190th flume

1191st flume

1192nd flume

1193rd flume

1194th flume

1195th flume

1196th flume

1197th flume

1198th flume

1199th flume

1200th flume

1201st flume

1202nd flume

1203rd flume

1204th flume

1205th flume

1206th flume

1207th flume

1208th flume

1209th flume

1210th flume

1211th flume

1212th flume

1213th flume

1214th flume

1215th flume

1216th flume

1217th flume

1218th flume

1219th flume

1220th flume

1221st flume

1222nd flume

1223rd flume

1224th flume

1225th flume

1226th flume

1227th flume

1228th flume

1229th flume

1230th flume

1231st flume

1232nd flume

1233rd flume

1234th flume

1235th flume

1236th flume

1237th flume

1238th flume

1239th flume

1240th flume

1241st flume

1242nd flume

1243rd flume

1244th flume

1245th flume

1246th flume

1247th flume

1248th flume

1249th flume

1250th flume

1251st flume

1252nd flume

1253rd flume

1254th flume

1255th flume

1256th flume

1257th flume

1258th flume

1259th flume

1260th flume

1261st flume

1262nd flume

1263rd flume

1264th flume

1265th flume

1266th flume

1267th flume

1268th flume

1269th flume

1270th flume

1271st flume

1272nd flume

1273rd flume

1274th flume

1275th flume

1276th flume

1277th flume

1278th flume

1279th flume

1280th flume

1281st flume

1282nd flume

1283rd flume

1284th flume

1285th flume

1286th flume

1287th flume

1288th flume

1289th flume

1290th flume

1291st flume

1292nd flume

1293rd flume

1294th flume

1295th flume

1296th flume

1297th flume

1298th flume

1299th flume

1300th flume

1301st flume

1302nd flume

1303rd flume

1304th flume

1305th flume

1306th flume

1307th flume

1308th flume

1309th flume

1310th flume

1311th flume

1312th flume

1313th flume

1314th flume

1315th flume

1316th flume

1317th flume

1318th flume

1319th flume

1320th flume

1321st flume

1322nd flume

1323rd flume

1324th flume

1325th flume

1326th flume

1327th flume

1328th flume

1329th flume

1330th flume

1331st flume

1332nd flume

1333rd flume

1334th flume

1335th flume

1336th flume

1337th flume

1338th flume

1339th flume

1340th flume

1341st flume

1342nd flume

1343rd flume

1344th flume

1345th flume

1346th flume

1347th flume

1348th flume

1349th flume

1350th flume

1351st flume

1352nd flume

1353rd flume

1354th flume

1355th flume

1356th flume

1357th flume

1358th flume

1359th flume

1360th flume

1361st flume

1362nd flume

1363rd flume

1364th flume

1365th flume

1366th flume

1367th flume

1368th flume

1369th flume

1370th flume

1371st flume

1372nd flume

1373rd flume

1374th flume

1375th flume

1376th flume

1377th flume

1378th flume

1379th flume

1380th flume

1381st flume

1382nd flume

1383rd flume

1384th flume

1385th flume

1386th flume

1387th flume

1388th flume

1389th flume

1390th flume

1391st flume

1392nd flume

1393rd flume

1394th flume

1395th flume

1396th flume

1397th flume

1398th flume

1399th flume

1400th flume

1401st flume

1402nd flume

1403rd flume

1404th flume

1405th flume

1406th flume

1407th flume

1408th flume

1409th flume

1410th flume

1411th flume

1412th flume

1413th flume

1414th flume

1415th flume

1416th flume

1417th flume

1418th flume

1419th flume

1420th flume

1421st flume

1422nd flume

1423rd flume

1424th flume

1425th flume

1426th flume

1427th flume

1428th flume

1429th flume

1430th flume

1431st flume

1432nd flume

1433rd flume

1434th flume

1435th flume

1436th flume

1437th flume

1438th flume

1439th flume

1440th flume

1441st flume

1442nd flume

1443rd flume

1444th flume

1445th flume

1446th flume

1447th flume

1448th flume

1449th flume

1450th flume

1451st flume

1452nd flume

1453rd flume

1454th flume

1455th flume

1456th flume

1457th flume

1458th flume

1459th flume

1460th flume

1461st flume

1462nd flume

1463rd flume

1464th flume

1465th flume

1466th flume

1467th flume

1468th flume

1469th flume

1470th flume

1471st flume

1472nd flume

1473rd flume

1474th flume

1475th flume

1476th flume

1477th flume

1478th flume

1479th flume

1480th flume

1481st flume

1482nd flume

1483rd flume

1484th flume

1485th flume

1486th flume

1487th flume

1488th flume

1489th flume

1490th flume

1491st flume

1492nd flume

1493rd flume

1494th flume

1495th flume

1496th flume

1497th flume

1498th flume

1499th flume

1500th flume

1501st flume

1502nd flume

1503rd flume

1504th flume

1505th flume

1506th flume

1507th flume

1508th flume

1509th flume

1510th flume

1511th flume

1512th flume

1513th flume

1514th flume

1515th flume

1516th flume

1517th flume

1518th flume

1519th flume

1520th flume

1521st flume

1522nd flume

1523rd flume

1524th flume

1525th flume

1526th flume

1527th flume

1528th flume

1529th flume

1530th flume

1531st flume

1532nd flume

1533rd flume

1534th flume

1535th flume

1536th flume

1537th flume

1538th flume

1539th flume

1540th flume

1541st flume

1542nd flume

1543rd flume

1544th flume

1545th flume

1546th flume

1547th flume

1548th flume

1549th flume

1550th flume

1551st flume

1552nd flume

1553rd flume

1554th flume

1555th flume

1556th flume

1557th flume

1558th flume

1559th flume

1560th flume

1561st flume

1562nd flume

1563rd flume

1564th flume

1565th flume

1566th flume

1567th flume

1568th flume

1569th flume

1570th flume

1571st flume

1572nd flume

1573rd flume

1574th flume

1575th flume

1576th flume

1577th flume

1578th flume

1579th flume

1580th flume

1581st flume

1582nd flume

1583rd flume

1584th flume

1585th flume

1586th flume

1587th flume

1588th flume

1589th flume

1590th flume

1591st flume

1592nd flume

1593rd flume

1594th flume

1595th flume

1596th flume

1597th flume

1598th flume

1599th flume

1600th flume

1601st flume

1602nd flume

1603rd flume

1604th flume

1605th flume

1606th flume

1607th flume

1608th flume

1609th flume

1610th flume

1611th flume

1612th flume

1613th flume

1614th flume

1615th flume

1616th flume

1617th flume

1618th flume

1619th flume

1620th flume

1621st flume

1622nd flume

1623rd flume

1624th flume

1625th flume

1626th flume

1627th flume

1628th flume

1629th flume

1630th flume

1631st flume

1632nd flume

1633rd flume

1634th flume

1635th flume

1636th flume

1637th flume

1638th flume

1639th flume

1640th flume

1641st flume

1642nd flume

1643rd flume

1644th flume

1645th flume

1646th flume

1647th flume

1648th flume

1649th flume

1650th flume

1651st flume

1652nd flume

1653rd flume

1654th flume

1655th flume

1656th flume

1657th flume

1658th flume

1659th flume

1660th flume

1661st flume

1662nd flume

1663rd flume

1664th flume

1665th flume

1666th flume

1667th flume

1668th flume

1669th flume

1670th flume

1671st flume

1672nd flume

1673rd flume

1674th flume

1675th flume

1676th flume

1677th flume

1678th flume

1679th flume

1680th flume

1681st flume

1682nd flume

1683rd flume

1684th flume

1685th flume

1686th flume

1687th flume

1688th flume

1689th flume

1690th flume

1691st flume

1692nd flume

1693rd flume

1694th flume

1695th flume

1696th flume

1697th flume

1698th flume

1699th flume

1700th flume

1701st flume

1702nd flume

1703rd flume

1704th flume

1705th flume

1706th flume

1707th flume

1708th flume

1709th flume

1710th flume

1711th flume

1712th flume

1713th flume

1714th flume

1715th flume

1716th flume

1717th flume

1718th flume

1719th flume

1720th flume

1721st flume

1722nd flume

1723rd flume

1724th flume

1725th flume

1726th flume

1727th flume

1728th flume

1729th flume

1730th flume

1731st flume

1732nd flume

1733rd flume

1734th flume

1735th flume

1736th flume

1737th flume

1738th flume

1739th flume

1740th flume

1741st flume

1742nd flume

1743rd flume

1744th flume

1745th flume

1746th flume

1747th flume

1748th flume

1749th flume

1750th flume

1751st flume

1752nd flume

1753rd flume

1754th flume

1755th flume

1756th flume

1757th flume

1758th flume

1759th flume

1760th flume

1761st flume

1762nd flume

1763rd flume

1764th flume

1765th flume

1766th flume

1767th flume

1768th flume

1769th flume

1770th flume

1771st flume

1772nd flume

1773rd flume

1774th flume

1775th flume

1776th flume

1777th flume

1778th flume

1779th flume

1780th flume

1781st flume

1782nd flume

1783rd flume

1784th flume

1785th flume

1786th flume

1787th flume

1788th flume

1789th flume

1790th flume

1791st flume

1792nd flume

1793rd flume

1794th flume

1795th flume

1796th flume

1797th flume

1798th flume

1799th flume

1800th flume

1801st flume

1802nd flume

1803rd flume

1804th flume

1805th flume

1806th flume

1807th flume

1808th flume

1809th flume

1810th flume

1811th flume

1812th flume

1813th flume

1814th flume

1815th flume

1816th flume

1817th flume

1818th flume

1819th flume

1820th flume

1821st flume

1822nd flume

1823rd flume

1824th flume

1825th flume

1826th flume

1827th flume

1828th flume

1829th flume

1830th flume

1831st flume

1832nd flume

1833rd flume

1834th flume

1835th flume

1836th flume

1837th flume

1838th flume

1839th flume

1840th flume

1841st flume

1842nd flume

1843rd flume

1844th flume

1845th flume

1846th flume

1847th flume

1848th flume

1849th flume

1850th flume

1851st flume

1852nd flume

1853rd flume

1854th flume

1855th flume

1856th flume

1857th flume

1858th flume

1859th flume

1860th flume

1861st flume

1862nd flume

1863rd flume

1864th flume

1865th flume

1866th flume

1867th flume

1868th flume

1869th flume

1870th flume

1871st flume

1872nd flume

1873rd flume

1874th flume

1875th flume

1876th flume

1877th flume

1878th flume

1879th flume

1880th flume

1881st flume

1882nd flume

1883rd flume

1884th flume

1885th flume

1886th flume

1887th flume

1888th flume

1889th flume

1890th flume

1891st flume

1892nd flume

1893rd flume

1894th flume

1895th flume

1896th flume

1897th flume

1898th flume

1899th flume

1900th flume

1901st flume

1902nd flume

1903rd flume

1904th flume

1905th flume

1906th flume

1907th flume

1908th flume

1909th flume

1910th flume

1911th flume

1912th flume

1913th flume

1914th flume

1915th flume

1916th flume

1917th flume

1918th flume

1919th flume

1920th flume

1921st flume

1922nd flume

1923rd flume

1924th flume

1925th flume

1926th flume

1927th flume

1928th flume

1929th flume

1930th flume

1931st flume

1932nd flume

1933rd flume

1934th flume

1935th flume

1936th flume

1937th flume

1938th flume

1939th flume

1940th flume

1941st flume

1942nd flume

1943rd flume

1944th flume

1945th flume

1946th flume

1947th flume

1948th flume

1949th flume

1950th flume

1951st flume

1952nd flume

1953rd flume

1954th flume

1955th flume

1956th flume

1957th flume

1958th flume

1959th flume

1960th flume

1961st flume

1962nd flume

1963rd flume

1964th flume

1965th flume

1966th flume

1967th flume

1968th flume

1969th flume

1970th flume

1971st flume

1972nd flume

1973rd flume

1974th flume

1975th flume

1976th flume

1977th flume

1978th flume

1979th flume

1980th flume

1981st flume

1982nd flume

1983rd flume

1984th flume

1985th flume

1986th flume

1987th flume

1988th flume

1989th flume

1990th flume

1991st flume

1992nd flume

1993rd flume

1994th flume

1995th flume

1996th flume

1997th flume

1998th flume

1999th flume

2000th flume

2001st flume

2002nd flume

2003rd flume

2004th flume

2005th flume

2006th flume

2007th flume

2008th flume

2009th flume

2010th flume

2011th flume

2012th flume

2013th flume

2014th flume

2015th flume

2016th flume

2017th flume

2018th flume

2019th flume

2020th flume

2021st flume

2022nd flume

2023rd flume

2024th flume

2025th flume

2026th flume

2027th flume

2028th flume

2029th flume

2030th flume

2031st flume

2032nd flume

2033rd flume

2034th flume

2035th flume

2036th flume

2037th flume

2038th flume

2039th flume

2040th flume

2041st flume

2042nd flume

2043rd flume

2044th flume

2045th flume

2046th flume

2047th flume

2048th flume

2049th flume

2050th flume

2051st flume

2052nd flume

2053rd flume

2054th flume

2055th flume

2056th flume

2057th flume

2058th flume

2059th flume

2060th flume

2061st flume

2062nd flume

2063rd flume

2064th flume

2065th flume

2066th flume

2067th flume

2068th flume

2069th flume

2070th flume

2071st flume

2072nd flume

2073rd flume

2074th flume

2075th flume

2076th flume

2077th flume

2078th flume

2079th flume

2080th flume

2081st flume

2082nd flume

2083rd flume

2084th flume

2085th flume

2086th flume

2087th flume

2088th flume

2089th flume

2090th flume

2091st flume

2092nd flume

2093rd flume

2094th flume

2095th flume

2096th flume

2097th flume

2098th flume

2099th flume

2100th flume

2101st flume

2102nd flume

2103rd flume

2104th flume

2105th flume

2106th flume

2107th flume

2108th flume

2109th flume

2110th flume

2111th flume

2112th flume

2113th flume

2114th flume

2115th flume

2116th flume

2117th flume

2118th flume

2119th flume

2120th flume

2121st flume

2122nd flume

2123rd flume

2124th flume

2125th flume

2126th flume

2127th flume

2128th flume

2129th flume

2130th flume

2131st flume

2132nd flume

2133rd flume

2134th flume

2135th flume

2136th flume

2137th flume

2138th flume

2139th flume

2140th flume

2141st flume

2142nd flume

2143rd flume

2144th flume

2145th flume

2146th flume

2147th flume

2148th flume

2149th flume

2150th flume

2151st flume

2152nd flume

2153rd flume

2154th flume

2155th flume

2156th flume

2157th flume

2158th flume

2159th flume

2160th flume

2161st flume

2162nd flume

2163rd flume

2164th flume

2165th flume

2166th flume

2167th flume

2168th flume

2169th flume

2170th flume

2171st flume

2172nd flume

2173rd flume

2174th flume

2175th flume

2176th flume

2177th flume

2178th flume

2179th flume

2180th flume

2181st flume

2182nd flume

2183rd flume

2184th flume

2185th flume

2186th flume

2187th flume

2188th flume

2189th flume

2190th flume

2191st flume

2192nd flume

2193rd flume

2194th flume

2195th flume

2196th flume

2197th flume

2198th flume

2199th flume

2200th flume

2201st flume

2202nd flume

2203rd flume

2204th flume

2205th flume

2206th flume

2207th flume

2208th flume

2209th flume

2210th flume

2211th flume

2212th flume

2213th flume

2214th flume

2215th flume

2216th flume

2217th flume

2218th flume

2219th flume

2220th flume

2221st flume

2222nd flume

2223rd flume

2224th flume

2225th flume

2226th flume

2227th flume

2228th flume

2229th flume

2230th flume

2231st flume

2232nd flume

2233rd flume

2234th flume

2235th flume

2236th flume

2237th flume

2238th flume

2239th flume

2240th flume

2241st flume

2242nd flume

2243rd flume

2244th flume

2245th flume

2246th flume

2247th flume

2248th flume

2249th flume

2250th flume

2251st flume

2252nd flume

2253rd flume

2254th flume

2255th flume

2256th flume

2257th flume

2258th flume

2259th flume

2260th flume

2261st flume

2262nd flume

2263rd flume

2264th flume

2265th flume

2266th flume

2267th flume

2268th flume

2269th flume

2270th flume

2271st flume

2272nd flume

2273rd flume

2274th flume

2275th flume

2276th flume

2277th flume

2278th flume

2279th flume

2280th flume

2281st flume

2282nd flume

2283rd flume

2284th flume

2285th flume

2286th flume

2287th flume

2288th flume

2289th flume

2290th flume

2291st flume

2292nd flume

2293rd flume

2294th flume

2295th flume

2296th flume

2297th flume

2298th flume

2299th flume

2300th flume

2301st flume

2302nd flume

2303rd flume

2304th flume

2305th flume

2306th flume

2307th flume

2308th flume

2309th flume

2310th flume

2311th flume

2312th flume

2313th flume

2314th flume

2315th flume

2316th flume

2317th flume

2318th flume

2319th flume

2320th flume

2321st flume

2322nd flume

2323rd flume

2324th flume

2325th flume

2326th flume

2327th flume

2328th flume

2329th flume

2330th flume

2331st flume

2332nd flume

2333rd flume

2334th flume

2335th flume

2336th flume

2337th flume

2338th flume

2339th flume

2340th flume

2341st flume

2342nd flume

2343rd flume

2344th flume

2345th flume

2346th flume

2347th flume

2348th flume

2349th flume

2350th flume

2351st flume

2352nd flume

2353rd flume

2354th flume

2355th flume

2356th flume

2357th flume

2358th flume

2359th flume

2360th flume

2361st flume

2362nd flume

2363rd flume

2364th flume

2365th flume

2366th flume

2367th flume

2368th flume

2369th flume

2370th flume

2371st flume

2372nd flume

2373rd flume

2374th flume

2375th flume

2376th flume

2377th flume

2378th flume

2379th flume

2380th flume

2381st flume

2382nd flume

2383rd flume

2384th flume

2385th flume

2386th flume

2387th flume

2388th flume

2389th flume

2390th flume

2391st flume

2392nd flume

2393rd flume

2394th flume

2395th flume

2396th flume

2397th flume

2398th flume

2399th flume

2400th flume

2401st flume

2402nd flume

2403rd flume

2404th flume

2405th flume

2406th flume

2407th flume

2408th flume

2409th flume

2410th flume

2411th flume

2412th flume

2413th flume

2414th flume

2415th flume

2416th flume

2417th flume

2418th flume

2419th flume

2420th flume

2421st flume

2422nd flume

2423rd flume

2424th flume

2425th flume

2426th flume

2427th flume

2428th flume

2429th flume

2430th flume

2431st flume

2432nd flume

2433rd flume

2434th flume

2435th flume

2436th flume

2437th flume

2438th flume

2439th flume

2440th flume

2441st flume

2442nd flume

2443rd flume

2444th flume

2445th flume

2446th flume

2447th flume

2448th flume

2449th flume

2450th flume

2451st flume

2452nd flume

2453rd flume

2454th flume

2455th flume

2456th flume

2457th flume

2458th flume

2459th flume

2460th flume

2461st flume

2462nd flume

2463rd flume

2464th flume

2465th flume

2466th flume

2467th flume

2468th flume

2469th flume

2470th flume

2471st flume

2472nd flume

2473rd flume

2474th flume

2475th flume

2476th flume

2477th flume

2478th flume

2479th flume

2480th flume

2481st flume

2482nd flume

2483rd flume

2484th flume

2485th flume

2486th flume

2487th flume

2488th flume

2489th flume

2490th flume

2491st flume

2492nd flume

2493rd flume

2494th flume

2495th flume

2496th flume

2497th flume

2498th flume

2499th flume

2500th flume

2501st flume

2502nd flume

2503rd flume

2504th flume

2505th flume

2506th flume

2507th flume

2508th flume

2509th flume

2510th flume

2511th flume

2512th flume

2513th flume

2514th flume

2515th flume

2516th flume

2517th flume

2518th flume

2519th flume

2520th flume

2521st flume

2522nd flume

2523rd flume

2524th flume

2525th flume

2526th flume

2527th flume

2528th flume

2529th flume

2530th flume

2531st flume

2532nd flume

2533rd flume

2534th flume

2535th flume

2536th flume

2537th flume

2538th flume

2539th flume

2540th flume

2541st flume

2542nd flume

2543rd flume

2544th flume

2545th flume

2546th flume

2547th flume

2548th flume

2549th flume

2550th flume

2551st flume

2552nd flume

2553rd flume

2554th flume

2555th flume

2556th flume

2557th flume

2558th flume

2559th flume

2560th flume

2561st flume

2562nd flume

2563rd flume

2564th flume

2565th flume

2566th flume

2567th flume

2568th flume

2569th flume

2570th flume

2571st flume

2572nd flume

2573rd flume

2574th flume

2575th flume

2576th flume

2577th flume

2578th flume

2579th flume

2580th flume

2581st flume

2582nd flume

2583rd flume

2584th flume

2585th flume

2586th flume

2587th flume

2588th flume

2589th flume

2590th flume

2591st flume

2592nd flume

2593rd flume

2594th flume

2595th flume

2596th flume

2597th flume

2598th flume

2599th flume

2600th flume

2601st flume

2602nd flume

2603rd flume

2604th flume

2605th flume

2606th flume

2607th flume

2608th flume

2609th flume

2610th flume

2611th flume

2612th flume

2613th flume

2614th flume

2615th flume

2616th flume

2617th flume

2618th flume

2619th flume

2620th flume

2621st flume

2622nd flume

2623rd flume

2624th flume

2625th flume

2626th flume

2627th flume

2628th flume

2629th flume

2630th flume

2631st flume

2632nd flume

2633rd flume

2634th flume

2635th flume

2636th flume

2637th flume

2638th flume

2639th flume

2640th flume

2641st flume

2642nd flume

2643rd flume

2644th flume

2645th flume

2646th flume

2647th flume

2648th flume

2649th flume

2650th flume

2651st flume

2652nd flume

2653rd flume

2654th flume

2655th flume

2656th flume

2657th flume

2658th flume

2659th flume

2660th flume

2661st flume

2662nd flume

2663rd flume

2664th flume

2665th flume

2666th flume

2667th flume

2668th flume

2669th flume

2670th flume

2671st flume

2672nd flume

2673rd flume

2674th flume

2675th flume

2676th flume

2677th flume

2678th flume

2679th flume

2680th flume

2681st flume

2682nd flume

2683rd flume

2684th flume

2685th flume

2686th flume

2687th flume

2688th flume

2689th flume

2690th flume

2691st flume

2692nd flume

2693rd flume

2694th flume

2695th flume

2696th flume

2697th flume

2698th flume

2699th flume

2700th flume

2701st flume

2702nd flume

2703rd flume

2704th flume

2705th flume

2706th flume

2707th flume

2708th flume

2709th flume

2710th flume

2711th flume

2712th flume

2713th fl

B.M. - 1057' "X" in pavement @ ROCK ROAD and @ PAWNEE West.

plan Scale 1" = 40'

ROCK ROAD

Asph. Shoulder

Loose fill area as shown on cross sections

Traffic Signal pole

proposed 8" Sanitary Sewer.

3 strand barb wire fence.

4" steel sign posts

R.P.

R.C.P.

0.0%

Drainage easement

NOTE: See sheet 2 for Channel alignment.

proposed water Line

Alignment

proposed curb

proposed 8" sanitary

PAWNEE AVE

Slope

0.0%

Drainage R of W

Grade exist channel to elevation 1554

CONST 8'x5' Brick Inlet Top Curb 1057'

CONST 2'x5' Brick Inlet Top Curb 1056

CONST 2'x5' Brick Inlet over 96" R.C.P. T.C. 1056

CONST 2'x5' Brick Inlet over 96" R.C.P. T.C. 1054

CONST 2'x5' Brick Inlet Top Curb 1055

CONST 2'x5' Brick Inlet Top Curb 1054

E.L. ROCK ROAD

6'-15" R.C.P.

96"

R.C.P.

PAWNEE

29.5' f.b.

29.5' b.b.

* NOTE: ALTERNATE 15" C.M.P. TYPE I, Coating Type B.

NOTE: Contractor to coordinate utility crossings and paving project with other contractors.

NOTE TO ENGR: Cross section proposed channel before and after construction.

NOTE: Incidental drainage contractor to excavate and shape channel. Excavated material to be used in loose fill area. Any excess material to be used on pav't project.

Detail of Reinf Concrete DITCH INLET

Plan

Section

proposed channel

Shape floor of inlet to flow using sand mix

Reinf steel in bottom slab No. 4 bars @ 12" each way.

TYPICAL CHANNEL SECTIONS

Loose fill

natural ground

4:1 slope

10' bottom

PROFILE Scale 1" = 5' vert 1" = 10' Horz.

Const 2'x5' brick Inlet over 96" R.C.P.

Remove top portion 96" R.C.P.

proposed water

15' R.C.P. In. 1058

proposed asph. pav't.

Const 8'x5' brick Inlet over 96" R.C.P.

Remove top portion of 96" R.C.P.

15' R.C.P. In. 1058

4:1 Slope

natural ground

proposed 8" Sanitary Sewer

190 L.F. 96" R.C.P @ 1.0%

ALTERNATE: 54" C.M.P. Type I or II, coating Type B.

Install Reinf conc flare end section. (alternate 54" C.M.P. end section.) Requirements same as 54" C.M.P.

DONALD E. SCHNEE LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

"DRAINAGE" in connection with paving PAWNEE AVE E.L. Rock Road to S.L. Cherry Creek Drive.

CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER

Date Aug. 1973 Proj No. DAKD 573041

11 - Engr
1 - Water

K+E PLATE 1 PLAN-PROFILE
KEUFFEL & ESSER CO.

SCALE 1"=20'

ROCK ROAD

PAWNEE AVE

existing SG.

R.C.P.

cut 1615

0100 P.C. 7'W.P. channel section

match exist ditch section

existing ditch

Q traffic sig pole

guy wire

3 strand barb wire fence

5-4"ø sign posts

P.P's

6" steel sign posts

"Sign" to be re-located by "OTHERS"

6" steel post

1153.65 P.T.

1155.90

6 span 138.54'

-0.0%

95°

R.O.P.

90° 00' 00"

180'

200'

150'

180.11'

80'

75'

120'

Tan: 24.41'

6 span 81.01'

0100

84° 10' 45"

0139.6 P.R.C.

150

175

1100

6 span 141.81'

+2.0%

1185.8 P.T.

4:1 Slope

57.5'

2100 channel section

proposed

and Wp

1584

exist flow

Warp proposed alignment beginning at sta 2100 to match existing flow —.— grade to elev 1584.

100.82'

198° 10'

24.21'

Tan: 66.11'

R=81.40'

R=81.21' 55° 13' 05"

curve DATA is based on ℄ proposed channel
RAD: 150.32' Δ: 95° TAN: 165' 10.35351 min/ft arc.

STATION	ARC	CHORD	DEFLECTION	TOTAL DEFLECTION
p.o. 0100			0° 00' 00"	0° 00' 00"
125	25.00'	24.97'	9° 33' 50"	9° 33' 50"
150	"	"	9° 33' 51"	19° 07' 41"
178	"	"	8° 33' 50"	28° 41' 31"
1100	25.00'	24.97'	9° 33' 50"	38° 15' 21"
p.t. 1153.25	28.25'	25.25'	9° 14' 39"	47° 30' 00"

curve DATA is based on ℄ proposed channel
RAD: 181.21' Δ: 55° 13' 05" TAN: 55.38' 18.1726 min/ft arc.

STATION	ARC	CHORD	DEFLECTION	TOTAL DEFLECTION
P.R.C 0139.6				0° 00' 00"
150	10.40'	10.39'	2° 00' 36"	2° 00' 36"
175	25.00'	24.97'	5° 08' 15"	7° 09' 58"
1100	"	"	5° 08' 15"	12° 15' 18"
125	25.00'	24.97'	5° 08' 15"	17° 19' 31"
P.T. 1184.2	21.80'	21.80'	4° 18' 03"	21° 37' 38"

PROJ. N. DAKD 573041

2/4